



# Job Order Contract Construction Task Catalog<sup>®</sup>

CSI Division 01-46    March 2024    GBJOC19

**San Bernardino County, Healthcare**  
**General Building**



NOT FOR BID

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## About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **San Bernardino County**, priced locally using current labor, material and equipment costs, and published in March 2024.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **San Bernardino County**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

## MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.



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## The Unit Prices Include:

### LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.

### EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

### MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

## The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

### BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

### PROJECT RELATED COSTS:

- ☑ Project trailer, equipment and supplies, portable toilets, and hand wash stations for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.

- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

### PRICE VARIATIONS:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

### SUMMARY:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for Tasks will be:

|            |   |          |   |                      |
|------------|---|----------|---|----------------------|
| Unit Price | X | Quantity | X | Adjustment<br>Factor |
|------------|---|----------|---|----------------------|

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

### General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- ☑ All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or

other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

## **DEMOLITION:**

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and

transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

## **WORKING HEIGHT:**

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

## **FIELD ENGINEERING:**

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the

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Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

### ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

### RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- ☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

### Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

### Useful Information:

#### UNIT OF MEASURE DEFINITIONS:

**ACR** – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot or Gross Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** –

Mile, **MLF** - One Thousand Linear Feet, **MO** - Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** - Metric Ton, **MTK** - Metric Ton Kilometer, **M2** - Square Meter, **M3K** - Cubic Meter Kilometer, **NTE** - Note, **OPN** - Opening, **OUT** - Outlet or Output (each), **OZ** - Ounce, **PKG** - Package, **PNT** - Point, **PR** - Pair, **QT** - Quart, **ROL** - Roll (each), **ROM** - Room, **ROW** - Row, **RSR** - Riser (Per Rise), **SEA** - Seat, **SET** - Set, **SF** - Square Foot, **SHT** - Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** - Inches per Square Yard, **TNM** - Tons per Mile, **TON** - Ton, **TRK** - Truck Load, **UI** - United Inch, **UNT** - Unit, **VLF** - Vertical Linear Foot, **WK** - Week, **YD** - Yard, **YR** - Year

## MATERIAL WEIGHTS:

### EARTHEN MATERIAL

- ☒ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

| Material                        | Material Weight (Lbs Per CY) |                             |           |
|---------------------------------|------------------------------|-----------------------------|-----------|
|                                 | In-place (Bank)              | Loose (Excavated Materials) | Compacted |
| Earth, Common (Average)         | 3170                         | 2536                        | 3520      |
| Sand                            | 2880                         | 2590                        | 3240      |
| Earth, Rock Mix. (75% E/ 25% R) | 3380                         | 2370                        | 3720      |
| Earth, Rock Mix. (50% E/50% R)  | 3750                         | 2710                        | 4000      |
| Earth, Rock Mix. (25% E/ 75% R) | 4120                         | 3140                        | 3680      |
| Gravel (Average)                | 3280                         | 2730                        | 3570      |
| Limestone                       | 4380                         | 2690                        | 3220      |
| Riprap Rock (Average)           | 4500                         | 2610                        | 3150      |
| Granite                         | 4540                         | 2640                        | 3170      |
| Basalt                          | 4950                         | 3020                        | 3640      |
| Clay                            | 3220                         | 2150                        | 3570      |
| Gneiss                          | 4550                         | 2720                        | 3180      |

## BULK FACTORS FOR DEMOLITION:

- ☒ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

## CONVERSIONS:

**1 Acre** = 43,560 Square Feet = 4046.8 Square Meters

**1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches

**1 Centimeter** = 0.3937 Inches = 0.0328 Feet

**1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters

**1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet

**1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters

**1 Foot** = 12 Inches = 0.3048 Meters

**1 Inch** = 2.54 Centimeters = 0.0254 Meters

**1 Kilogram** = 2.2046 Pounds

**1 Kilometer** = 0.6214 Miles = 3280 Feet

**1 Meter** = 100 Centimeters = 3.2808 Feet

**1 Mile** = 5280 Feet = 1.6093 Kilometers

**1 Pound** = 0.4536 Kilograms

**1 Square Foot** = 144 Square Inches = .0929 Square Meters

**1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet

**1 Square Yard** = 9 Square Feet = 0.8361 Square Meters

**1 Ton** = 2000 Pounds = 907.185 Kilograms

**1 Yard** = 3 Feet = 0.9144 Meters



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| Sheet Metal Thickness (inches) |             |                        |                       |                |
|--------------------------------|-------------|------------------------|-----------------------|----------------|
| Gage No.                       | Steel Sheet | Galvanized Steel Sheet | Stainless Steel Sheet | Aluminum Sheet |
| 10                             | .135        | .138                   | .141                  |                |
| 11                             | .120        | .123                   | .125                  |                |
| 12                             | .105        | .108                   | .109                  |                |
| 13                             | .090        | .093                   | .094                  | .072           |
| 14                             | .075        | .079                   | .078                  | .064           |
| 15                             | .067        | .071                   | .070                  | .057           |
| 16                             | .060        | .064                   | .063                  | .051           |
| 17                             | .054        | .058                   | .056                  | .045           |
| 18                             | .048        | .052                   | .050                  | .040           |
| 19                             | .042        | .046                   | .044                  | .036           |
| 20                             | .036        | .040                   | .038                  | .032           |
| 21                             | .033        | .037                   | .034                  | .028           |
| 22                             | .030        | .034                   | .031                  | .025           |
| 23                             | .027        | .031                   | .028                  | .023           |
| 24                             | .024        | .028                   | .025                  | .020           |
| 25                             | .021        | .025                   | .022                  | .018           |
| 26                             | .018        | .022                   | .019                  | .017           |

## STANDARD GEOMETRY:

### Circle

- Circumference =  $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area =  $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

### Cylinder

- Volume =  $(\pi \text{ radius}^2) \text{ height}$
- Surface Area =  $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

### Sphere

- Volume =  $(4 \pi \text{ radius}^3) / 3$
- Surface Area =  $4 \pi \text{ radius}^2$

$\pi = 3.14159$

### United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

## TRADEMARKS

- ☒ Job Order Contracting Advanced, Job Order Contracting Complete, Job Order Contracting



|                      |  |  |       |
|----------------------|--|--|-------|
| General Requirements |  |  | 01    |
| Summary              |  |  | 01 10 |
| Summary Of Work      |  |  | 01 11 |

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 01 General Requirements

### 01 10 Summary <sup>(01)</sup>

#### 01 11 Summary Of Work <sup>(01 10)</sup>

##### 01 11 13 Work Covered by Contract Documents <sup>(01 11)</sup>

Note: For specification publishing. Review specifications for requirements.

|                  |     |                                    |      |
|------------------|-----|------------------------------------|------|
| 01 11 13 00-0001 | NTE | Work Covered by Contract Documents | 0.00 |
|------------------|-----|------------------------------------|------|

Note: For specification publishing. Review specifications for requirements.

##### 01 11 19 Purchase Contracts <sup>(01 11)</sup>

##### 01 11 19 00-0001 Purchase Contracts <sup>(01 11 19)</sup>

Note: Purchase Contracts include contracts which are not included in The Construction Task Catalog®.

|                  |    |                    |      |
|------------------|----|--------------------|------|
| 01 11 19 00-0002 | EA | Purchase Contracts | 1.00 |
|------------------|----|--------------------|------|

Note: Purchase Contracts will be paid to the contractor for eligible costs as directed by Owner. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = \$125.00 purchase. If there are multiple Purchase Contracts, list each one separately and add a comment in the "note" block to identify the Purchase Contracts. Insert the appropriate quantity to adjust the base cost to the actual Purchase Contracts. The Adjustment Factor should be 1.00. A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

## 01 20 Price and Payment Procedures <sup>(01)</sup>

### 01 22 Unit Prices <sup>(01 20)</sup>

#### 01 22 16 Unit Price Payment <sup>(01 22)</sup>

##### 01 22 16 00-0001 Reimbursable Fees <sup>(01 22 16)</sup>

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

|                  |    |                   |      |
|------------------|----|-------------------|------|
| 01 22 16 00-0002 | EA | Reimbursable Fees | 1.00 |
|------------------|----|-------------------|------|

Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

#### 01 22 20 Wage Rates <sup>(01 22)</sup>

##### 01 22 20 00-0001 Local Labor/Wage Rates <sup>(01 22 20)</sup>

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

|                                                                                               |    |                            |        |
|-----------------------------------------------------------------------------------------------|----|----------------------------|--------|
| 01 22 20 00-0002                                                                              | HR | Asbestos Removal Worker    | 101.04 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -20.21 |
| 01 22 20 00-0003                                                                              | HR | Insulator                  | 106.27 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -21.25 |
| 01 22 20 00-0004                                                                              | HR | Boilermaker                | 102.35 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -20.47 |
| 01 22 20 00-0005                                                                              | HR | Brick Layer                | 90.61  |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -18.12 |
| 01 22 20 00-0006                                                                              | HR | Carpenter                  | 107.23 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -21.45 |
| 01 22 20 00-0007                                                                              | HR | Carpenter, Bridge Builder  | 112.34 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -22.47 |
| For Foreperson, Add                                                                           |    |                            | 5.62   |
| 01 22 20 00-0008                                                                              | HR | Carpet, Linoleum           | 86.55  |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -17.31 |
| 01 22 20 00-0009                                                                              | HR | Cement Mason               | 92.10  |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -18.42 |
| 01 22 20 00-0010                                                                              | HR | Drywall Finisher           | 97.34  |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -19.47 |
| 01 22 20 00-0011                                                                              | HR | Electrician                | 122.22 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -24.44 |
| 01 22 20 00-0012                                                                              | HR | Electrician, Cable Splicer | 126.80 |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |    |                            |        |
| For Apprentice, Deduct                                                                        |    |                            | -25.36 |
| For Foreperson, Add                                                                           |    |                            | 6.34   |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI UOM DESCRIPTION                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 20 00-0013 HR Communication And System Technician .....                                 | 77.20                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -15.44                    |                         |
| 01 22 20 00-0014 HR Equipment Operator (Crane Group 3) .....                                  | 120.70                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.04                      |                         |
| 01 22 20 00-0015 HR Equipment Operator (Crane Group 5) .....                                  | 121.22                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.06                      |                         |
| 01 22 20 00-0016 HR Equipment Operator (Crane Group 7) .....                                  | 121.55                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.08                      |                         |
| 01 22 20 00-0017 HR Equipment Operator (Crane Group 8) .....                                  | 121.79                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.09                      |                         |
| 01 22 20 00-0018 HR Equipment Operator (Crane Group 9) .....                                  | 122.04                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.10                      |                         |
| 01 22 20 00-0019 HR Equipment Operator (Crane Group 10) .....                                 | 123.48                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.17                      |                         |
| 01 22 20 00-0020 HR Equipment Operator (Crane Group 11) .....                                 | 124.91                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.25                      |                         |
| 01 22 20 00-0021 HR Equipment Operator (Crane Group 12) .....                                 | 126.35                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.32                      |                         |
| 01 22 20 00-0022 HR Equipment Operator (Crane Group 13) .....                                 | 127.79                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Foreperson, Add                                                                           | 6.39                      |                         |
| 01 22 20 00-0023 HR Equipment Operator (Group 2) .....                                        | 118.34                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -23.67                    |                         |
| For Foreperson, Add                                                                           | 5.92                      |                         |
| 01 22 20 00-0024 HR Equipment Operator (Group 3) .....                                        | 118.76                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -23.75                    |                         |
| For Foreperson, Add                                                                           | 5.94                      |                         |
| 01 22 20 00-0025 HR Equipment Operator (Group 4) .....                                        | 120.90                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -24.18                    |                         |
| 01 22 20 00-0026 HR Equipment Operator (Group 6) .....                                        | 121.22                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -24.24                    |                         |
| For Foreperson, Add                                                                           | 6.06                      |                         |
| 01 22 20 00-0027 HR Equipment Operator (Group 8) .....                                        | 121.38                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -24.28                    |                         |
| 01 22 20 00-0028 HR Equipment Operator (Group 10) .....                                       | 121.55                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -24.31                    |                         |
| For Foreperson, Add                                                                           | 6.08                      |                         |
| 01 22 20 00-0029 HR Equipment Operator (Group 12) .....                                       | 121.79                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -24.36                    |                         |
| For Foreperson, Add                                                                           | 6.09                      |                         |
| 01 22 20 00-0030 HR Glazier .....                                                             | 108.41                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -21.68                    |                         |
| 01 22 20 00-0031 HR Laborer .....                                                             | 96.60                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| 01 22 20 00-0032 HR Lather .....                                                              | 99.45                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -19.89                    |                         |
| 01 22 20 00-0033 HR Marble Setter .....                                                       | 90.61                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -18.12                    |                         |
| 01 22 20 00-0034 HR Millwright .....                                                          | 100.70                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -20.14                    |                         |
| 01 22 20 00-0035 HR Mold Removal Worker .....                                                 | 100.63                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -20.13                    |                         |
| For Foreperson, Add                                                                           | 5.03                      |                         |
| 01 22 20 00-0036 HR Painter, Ordinary .....                                                   | 76.49                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -15.30                    |                         |
| 01 22 20 00-0037 HR Painter, Structural Steel .....                                           | 81.47                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -16.29                    |                         |
| 01 22 20 00-0038 HR Paperhanger .....                                                         | 76.49                     |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -15.30                    |                         |
| 01 22 20 00-0039 HR Pile Drivers .....                                                        | 106.25                    |                         |
| Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| For Apprentice, Deduct                                                                        | -21.25                    |                         |



|                              |  |  |       |   |
|------------------------------|--|--|-------|---|
| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 20 00-0040 | HR  | Plasterer .....                                                                               | 95.17                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -19.03                    |                         |
| 01 22 20 00-0041 | HR  | Plumber .....                                                                                 | 110.03                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -22.01                    |                         |
| 01 22 20 00-0042 | HR  | Powderman .....                                                                               | 105.84                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -21.17                    |                         |
| 01 22 20 00-0043 | HR  | Rodman (Reinforcing)/Ornamental Steel Worker .....                                            | 103.99                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -20.80                    |                         |
| 01 22 20 00-0044 | HR  | Roofer, Composite .....                                                                       | 113.79                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -22.76                    |                         |
| 01 22 20 00-0045 | HR  | Roofer, Metal .....                                                                           | 144.96                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -28.99                    |                         |
|                  |     | For Foreperson, Add                                                                           | 7.25                      |                         |
| 01 22 20 00-0046 | HR  | Roofer, Tile/Slate .....                                                                      | 110.16                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -22.03                    |                         |
| 01 22 20 00-0047 | HR  | Sheet Metal Worker .....                                                                      | 117.11                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -23.42                    |                         |
| 01 22 20 00-0048 | HR  | Sprinkler Installer .....                                                                     | 108.63                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -21.73                    |                         |
| 01 22 20 00-0049 | HR  | Steam / Pipe Fitter .....                                                                     | 110.03                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -22.01                    |                         |
| 01 22 20 00-0050 | HR  | Stone Mason .....                                                                             | 90.61                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.12                    |                         |
| 01 22 20 00-0051 | HR  | Structural Steel Worker .....                                                                 | 107.14                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -21.43                    |                         |
| 01 22 20 00-0052 | HR  | Tile Layer .....                                                                              | 87.03                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -17.41                    |                         |
| 01 22 20 00-0053 | HR  | Terrazzo Worker .....                                                                         | 82.11                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -16.42                    |                         |
| 01 22 20 00-0054 | HR  | Truck Driver (Group 2) .....                                                                  | 93.63                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.73                    |                         |
| 01 22 20 00-0055 | HR  | Truck Driver (Group 3) .....                                                                  | 93.82                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.76                    |                         |
|                  |     | For Foreperson, Add                                                                           | 4.69                      |                         |
| 01 22 20 00-0056 | HR  | Truck Driver (Group 4) .....                                                                  | 94.10                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.82                    |                         |
|                  |     | For Foreperson, Add                                                                           | 4.71                      |                         |
| 01 22 20 00-0057 | HR  | Truck Driver (Group 5) .....                                                                  | 94.15                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.83                    |                         |
|                  |     | For Foreperson, Add                                                                           | 4.71                      |                         |
| 01 22 20 00-0058 | HR  | Truck Driver (Group 6) .....                                                                  | 94.19                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.84                    |                         |
| 01 22 20 00-0059 | HR  | Truck Driver (Group 7) .....                                                                  | 94.56                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.91                    |                         |
| 01 22 20 00-0060 | HR  | Truck Driver (Group 8) .....                                                                  | 94.93                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -18.99                    |                         |
|                  |     | For Foreperson, Add                                                                           | 4.75                      |                         |
| 01 22 20 00-0061 | HR  | Truck Driver (Group 9) .....                                                                  | 95.23                     |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
|                  |     | For Apprentice, Deduct                                                                        | -19.05                    |                         |
|                  |     | For Foreperson, Add                                                                           | 4.76                      |                         |
| 01 22 20 00-0062 | HR  | Class I Diver .....                                                                           | 209.34                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| 01 22 20 00-0063 | HR  | Class III Diver Tender .....                                                                  | 117.45                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| 01 22 20 00-0064 | HR  | D1 Certified Welder .....                                                                     | 124.61                    |                         |
|                  |     | Note: For tasks not included in the Construction Task Catalog® and as directed by owner only. |                           |                         |
| 01 22 20 00-0065 |     | Rates For Services (01 22 20)                                                                 |                           |                         |
| 01 22 20 00-0066 | HR  | Watch/Guard Person, Unarmed .....                                                             | 37.86                     |                         |
| 01 22 20 00-0067 | HR  | Watch/Guard Person, Armed .....                                                               | 48.66                     |                         |
| 01 22 20 00-0068 | HR  | Senior Surveyor (Party Chief) .....                                                           | 131.20                    |                         |
| 01 22 20 00-0069 | HR  | Surveyor (Instrument person) .....                                                            | 122.59                    |                         |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 20 00-0070        | HR  | Surveyor (Rod Person) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 121.61                    |                         |
| 01 22 20 00-0071        | HR  | On-Site Certified Materials Testing Technician .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 90.85                     |                         |
| 01 22 20 00-0072        | HR  | Certified Industrial Hygienist .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 122.50                    |                         |
| 01 22 20 00-0073        | MI  | Mileage For Professional Services (Engineering, Surveying, Etcetera) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.66                      |                         |
|                         |     | Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 01 22 20 00-0074        | HR  | Fire Watch Laborer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 96.60                     |                         |
|                         |     | Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation. |                           |                         |
| <b>01 22 20 00-0075</b> |     | <b>Rates For Project Management Services (01 22 20)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| 01 22 20 00-0076        | HR  | Project Manager .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 156.25                    |                         |
| <b>01 22 20 00-0077</b> |     | <b>Rates For Architectural And Engineering Services (01 22 20)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
|                         |     | Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| 01 22 20 00-0078        | HR  | Principal Architect .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 237.50                    |                         |
| 01 22 20 00-0079        | HR  | Senior Architect .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 175.00                    |                         |
| 01 22 20 00-0080        | HR  | Architect .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 137.50                    |                         |
| 01 22 20 00-0081        | HR  | Principal Engineer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 205.00                    |                         |
| 01 22 20 00-0082        | HR  | Senior Engineer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 170.00                    |                         |
| 01 22 20 00-0083        | HR  | Engineer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 133.75                    |                         |
| 01 22 20 00-0084        | HR  | Draft Person .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 70.00                     |                         |
| <b>01 22 20 00-0085</b> |     | <b>Rates For Traffic Control (01 22 20)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 22 20 00-0086        | HR  | Flagperson For Traffic Control .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 96.60                     |                         |
| <b>01 22 20 00-0087</b> |     | <b>Mobilize Equipment (01 22 20)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 01 22 20 00-0088        | HR  | Escort Vehicle With Driver .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 107.65                    |                         |
| 01 22 20 00-0089        | HR  | Transport Vehicle With Driver .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 140.10                    |                         |
| <b>01 22 20 00-0090</b> |     | <b>Diver Rates (01 22 20)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 01 22 20 00-0091        | DAY | Four Person Dive Team With No Decompression Chamber (Up To Fifty Feet) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5,237.71                  |                         |
|                         |     | Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
| 01 22 20 00-0092        | DAY | Eight Person Dive Team With Decompression Chamber (Up To Two Hundred Feet) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9,758.37                  |                         |
|                         |     | Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
| 01 22 20 00-0093        | DAY | Decompression Chamber And 5120 Air Compressor .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,473.40                  |                         |
| 01 22 20 00-0094        | DAY | Decompression Chamber Stand-By .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 669.72                    |                         |
| 01 22 20 00-0095        | NPP | HP Air Bottles (NPP To Be Billed At Cost Plus 15%) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00                      |                         |
| 01 22 20 00-0096        | NPP | Oxygen Bottles (NPP To Be Billed At Cost Plus 15%) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00                      |                         |
| 01 22 20 00-0097        | NPP | Nitrox Bottles (NPP To Be Billed At Cost Plus 15%) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.00                      |                         |
| 01 22 20 00-0098        | DAY | Mixed Gas Console .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 133.94                    |                         |
| 01 22 20 00-0099        | DAY | Bail Out System .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 334.86                    |                         |
| 01 22 20 00-0100        | DAY | Explosive Meter .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 120.55                    |                         |
| 01 22 20 00-0101        | DAY | 200 Amperes, Welding Machine With Leads .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 288.38                    |                         |
| 01 22 20 00-0102        | DAY | 400 Amperes, Welding Machine With Leads .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 400.74                    |                         |
| 01 22 20 00-0103        | DAY | Topside Burning Rig .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 133.94                    |                         |
| 01 22 20 00-0104        | DAY | Underwater Burning Rig .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 241.10                    |                         |
| 01 22 20 00-0105        | DAY | Underwater Welding Rig .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 375.05                    |                         |
| 01 22 20 00-0106        | EA  | Underwater Burning Rods .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.45                     |                         |
| 01 22 20 00-0107        | EA  | Underwater Welding Rods .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.09                      |                         |
| 01 22 20 00-0108        | NPP | Oxygen / Acetylene (NPP To Be Billed At Cost Plus 15%) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00                      |                         |
| 01 22 20 00-0109        | DAY | 2,000 Watt Generator .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 97.63                     |                         |
| 01 22 20 00-0110        | DAY | 3,000 Watt Generator .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 111.73                    |                         |
| 01 22 20 00-0111        | DAY | 50 KW Generator .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 685.68                    |                         |
| 01 22 20 00-0112        | DAY | Hydraulic Unit .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 267.89                    |                         |
| 01 22 20 00-0113        | DAY | Hydraulic Tools .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 107.16                    |                         |
| 01 22 20 00-0114        | DAY | Pneumatic Tools .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 66.97                     |                         |
| 01 22 20 00-0115        | NPP | Concrete Chain Saw Blades (NPP To Be Billed At Cost Plus 15%) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.00                      |                         |
| 01 22 20 00-0116        | DAY | Roto Drill .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 107.16                    |                         |
| 01 22 20 00-0117        | DAY | Underwater Video Equipment And Monitor .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 524.32                    |                         |
| 01 22 20 00-0118        | DAY | Air Compressor <180 CFM .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 289.69                    |                         |
| 01 22 20 00-0119        | DAY | Air Compressor >180 CFM .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 459.58                    |                         |
| 01 22 20 00-0120        | DAY | 3" Trash Pump .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 175.93                    |                         |
| 01 22 20 00-0121        | DAY | 4" Submersible Pump .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 196.74                    |                         |
| 01 22 20 00-0122        | DAY | 6" Submersible Pump .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 397.26                    |                         |
| 01 22 20 00-0123        | DAY | 6" Diesel Pump .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 425.63                    |                         |
| 01 22 20 00-0124        | DAY | Lengths Of Suction Hose (Each) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 19.20                     |                         |





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|------------------------------|--|-------|---|
| General Requirements         |  | 01    | 5 |
| Price and Payment Procedures |  | 01 20 |   |
| Unit Prices                  |  | 01 22 |   |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                |                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 20 00-0125                                                                                                                                                                                                                                                                                                            | DAY Lengths Of Discharge Hose (Each) .....                                             | 19.20                     |                         |
| 01 22 20 00-0126                                                                                                                                                                                                                                                                                                            | DAY 4 Ton Flatbed Trailer With Sides .....                                             | 200.20                    |                         |
| 01 22 20 00-0127                                                                                                                                                                                                                                                                                                            | DAY Equipment Storage Trailer .....                                                    | 76.19                     |                         |
| 01 22 20 00-0128                                                                                                                                                                                                                                                                                                            | DAY Equipment Vehicle .....                                                            | 329.17                    |                         |
| 01 22 20 00-0129                                                                                                                                                                                                                                                                                                            | DAY Dive Boat .....                                                                    | 1,071.56                  |                         |
| 01 22 20 00-0130                                                                                                                                                                                                                                                                                                            | DAY Jon Boat .....                                                                     | 107.16                    |                         |
| <b>01 22 23 Equipment Usage</b> (01 22)                                                                                                                                                                                                                                                                                     |                                                                                        |                           |                         |
| Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0085 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization. |                                                                                        |                           |                         |
| 01 22 23 00-0001                                                                                                                                                                                                                                                                                                            | Aerial Equipment (01 22 23)                                                            |                           |                         |
| 01 22 23 00-0002                                                                                                                                                                                                                                                                                                            | Man Lifts (01 22 23 00-0001)                                                           |                           |                         |
| Note: Excludes operator, delivery, set-up, and removal.                                                                                                                                                                                                                                                                     |                                                                                        |                           |                         |
| 01 22 23 00-0003                                                                                                                                                                                                                                                                                                            | Telescoping Boom Man Lifts With Platform (01 22 23 00-0002)                            |                           |                         |
| 01 22 23 00-0004                                                                                                                                                                                                                                                                                                            | Engine Powered, Telescoping Boom Man Lifts With Platform (01 22 23 00-0003)            |                           |                         |
| Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.                                                                                                                                                                                                          |                                                                                        |                           |                         |
| 01 22 23 00-0005                                                                                                                                                                                                                                                                                                            | DAY 40' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 452.44                    |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 101.80                    |                         |
| 01 22 23 00-0006                                                                                                                                                                                                                                                                                                            | WK 40' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 1,138.41                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 256.14                    |                         |
| 01 22 23 00-0007                                                                                                                                                                                                                                                                                                            | MO 40' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 2,554.12                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 574.68                    |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -102.16                   |                         |
| 01 22 23 00-0008                                                                                                                                                                                                                                                                                                            | DAY 60' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 664.07                    |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 149.42                    |                         |
| 01 22 23 00-0009                                                                                                                                                                                                                                                                                                            | WK 60' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 1,583.56                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 356.30                    |                         |
| 01 22 23 00-0010                                                                                                                                                                                                                                                                                                            | MO 60' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 3,466.31                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 779.92                    |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -138.65                   |                         |
| 01 22 23 00-0011                                                                                                                                                                                                                                                                                                            | DAY 80' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 1,291.66                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 290.62                    |                         |
| 01 22 23 00-0012                                                                                                                                                                                                                                                                                                            | WK 80' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 3,130.63                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 704.39                    |                         |
| 01 22 23 00-0013                                                                                                                                                                                                                                                                                                            | MO 80' Engine Powered, Telescoping Boom Man Lift With Platform .....                   | 6,567.75                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 1,477.74                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -262.71                   |                         |
| 01 22 23 00-0014                                                                                                                                                                                                                                                                                                            | DAY 110' Engine Powered, Telescoping Boom Man Lift With Platform .....                 | 1,838.97                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 413.77                    |                         |
| 01 22 23 00-0015                                                                                                                                                                                                                                                                                                            | WK 110' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 4,428.12                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 996.33                    |                         |
| 01 22 23 00-0016                                                                                                                                                                                                                                                                                                            | MO 110' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 11,033.82                 |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 2,482.61                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -441.35                   |                         |
| 01 22 23 00-0017                                                                                                                                                                                                                                                                                                            | DAY 120' Engine Powered, Telescoping Boom Man Lift With Platform .....                 | 2,240.33                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 504.07                    |                         |
| 01 22 23 00-0018                                                                                                                                                                                                                                                                                                            | WK 120' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 5,713.94                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 1,285.64                  |                         |
| 01 22 23 00-0019                                                                                                                                                                                                                                                                                                            | MO 120' Engine Powered, Telescoping Boom Man Lift With Platform .....                  | 12,989.55                 |                         |
|                                                                                                                                                                                                                                                                                                                             | For Four-Wheel Drive, Add .....                                                        | 2,922.65                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -519.58                   |                         |
| 01 22 23 00-0020                                                                                                                                                                                                                                                                                                            | Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0002)                 |                           |                         |
| 01 22 23 00-0021                                                                                                                                                                                                                                                                                                            | Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020) |                           |                         |
| Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.                                                                                                                                                                                                         |                                                                                        |                           |                         |
| 01 22 23 00-0022                                                                                                                                                                                                                                                                                                            | DAY 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 456.56                    |                         |
| 01 22 23 00-0023                                                                                                                                                                                                                                                                                                            | WK 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 1,145.54                  |                         |
| 01 22 23 00-0024                                                                                                                                                                                                                                                                                                            | MO 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 2,755.93                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -110.24                   |                         |
| 01 22 23 00-0025                                                                                                                                                                                                                                                                                                            | DAY 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 581.07                    |                         |
| 01 22 23 00-0026                                                                                                                                                                                                                                                                                                            | WK 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 1,270.05                  |                         |
| 01 22 23 00-0027                                                                                                                                                                                                                                                                                                            | MO 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 3,152.72                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -126.11                   |                         |
| 01 22 23 00-0028                                                                                                                                                                                                                                                                                                            | DAY 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 747.09                    |                         |
| 01 22 23 00-0029                                                                                                                                                                                                                                                                                                            | WK 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 1,726.61                  |                         |
| 01 22 23 00-0030                                                                                                                                                                                                                                                                                                            | MO 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 3,859.96                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -154.40                   |                         |
| 01 22 23 00-0031                                                                                                                                                                                                                                                                                                            | DAY 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 1,303.26                  |                         |
| 01 22 23 00-0032                                                                                                                                                                                                                                                                                                            | WK 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 3,071.37                  |                         |
| 01 22 23 00-0033                                                                                                                                                                                                                                                                                                            | MO 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....        | 7,469.24                  |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -298.77                   |                         |
| 01 22 23 00-0034                                                                                                                                                                                                                                                                                                            | DAY 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....      | 2,531.80                  |                         |
| 01 22 23 00-0035                                                                                                                                                                                                                                                                                                            | WK 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 5,976.72                  |                         |
| 01 22 23 00-0036                                                                                                                                                                                                                                                                                                            | MO 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform .....       | 14,609.76                 |                         |
|                                                                                                                                                                                                                                                                                                                             | For >6 Months (>26 Weeks) , Deduct .....                                               | -584.39                   |                         |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

### 01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)

Note: For use on paved surfaces.

|                                    |     |                                                                       |          |
|------------------------------------|-----|-----------------------------------------------------------------------|----------|
| 01 22 23 00-0038                   | DAY | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 456.56   |
| 01 22 23 00-0039                   | WK  | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 1,145.54 |
| 01 22 23 00-0040                   | MO  | 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 2,755.93 |
| For >6 Months (>26 Weeks) , Deduct |     |                                                                       | -110.24  |
| 01 22 23 00-0041                   | DAY | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 456.56   |
| 01 22 23 00-0042                   | WK  | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 1,145.54 |
| 01 22 23 00-0043                   | MO  | 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 2,755.93 |
| For >6 Months (>26 Weeks) , Deduct |     |                                                                       | -110.24  |
| 01 22 23 00-0044                   | DAY | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 564.47   |
| 01 22 23 00-0045                   | WK  | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 1,220.25 |
| 01 22 23 00-0046                   | MO  | 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 3,029.86 |
| For >6 Months (>26 Weeks) , Deduct |     |                                                                       | -121.19  |
| 01 22 23 00-0047                   | DAY | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 564.47   |
| 01 22 23 00-0048                   | WK  | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 1,220.25 |
| 01 22 23 00-0049                   | MO  | 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform..... | 3,029.86 |
| For >6 Months (>26 Weeks) , Deduct |     |                                                                       | -121.19  |

### 01 22 23 00-0050 Platform Lifts (01 22 23 00-0001)

Note: Excludes operator, delivery, set-up, and removal.

### 01 22 23 00-0051 Electric, Scissor Platform Lifts (01 22 23 00-0050)

Note: For use on paved surfaces.

|                                    |     |                                          |          |
|------------------------------------|-----|------------------------------------------|----------|
| 01 22 23 00-0052                   | DAY | 17' Electric, Scissor Platform Lift..... | 178.13   |
| 01 22 23 00-0053                   | WK  | 17' Electric, Scissor Platform Lift..... | 356.27   |
| 01 22 23 00-0054                   | MO  | 17' Electric, Scissor Platform Lift..... | 728.73   |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -29.15   |
| 01 22 23 00-0055                   | DAY | 20' Electric, Scissor Platform Lift..... | 194.33   |
| 01 22 23 00-0056                   | WK  | 20' Electric, Scissor Platform Lift..... | 388.66   |
| 01 22 23 00-0057                   | MO  | 20' Electric, Scissor Platform Lift..... | 777.31   |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -31.09   |
| 01 22 23 00-0058                   | DAY | 25' Electric, Scissor Platform Lift..... | 251.01   |
| 01 22 23 00-0059                   | WK  | 25' Electric, Scissor Platform Lift..... | 502.01   |
| 01 22 23 00-0060                   | MO  | 25' Electric, Scissor Platform Lift..... | 1,076.90 |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -43.08   |
| 01 22 23 00-0061                   | DAY | 30' Electric, Scissor Platform Lift..... | 323.88   |
| 01 22 23 00-0062                   | WK  | 30' Electric, Scissor Platform Lift..... | 639.66   |
| 01 22 23 00-0063                   | MO  | 30' Electric, Scissor Platform Lift..... | 1,416.98 |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -56.68   |
| 01 22 23 00-0064                   | DAY | 33' Electric, Scissor Platform Lift..... | 348.17   |
| 01 22 23 00-0065                   | WK  | 33' Electric, Scissor Platform Lift..... | 680.15   |
| 01 22 23 00-0066                   | MO  | 33' Electric, Scissor Platform Lift..... | 1,538.43 |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -61.54   |
| 01 22 23 00-0067                   | DAY | 40' Electric, Scissor Platform Lift..... | 453.43   |
| 01 22 23 00-0068                   | WK  | 40' Electric, Scissor Platform Lift..... | 1,125.48 |
| 01 22 23 00-0069                   | MO  | 40' Electric, Scissor Platform Lift..... | 3,133.54 |
| For >6 Months (>26 Weeks) , Deduct |     |                                          | -125.34  |

### 01 22 23 00-0070 Engine Powered, Scissor Platform Lifts (01 22 23 00-0050)

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

|                                    |     |                                                |          |
|------------------------------------|-----|------------------------------------------------|----------|
| 01 22 23 00-0071                   | DAY | 25' Engine Powered, Scissor Platform Lift..... | 437.76   |
| For Four-Wheel Drive, Add          |     |                                                | 87.55    |
| 01 22 23 00-0072                   | WK  | 25' Engine Powered, Scissor Platform Lift..... | 856.06   |
| For Four-Wheel Drive, Add          |     |                                                | 171.21   |
| 01 22 23 00-0073                   | MO  | 25' Engine Powered, Scissor Platform Lift..... | 2,091.52 |
| For Four-Wheel Drive, Add          |     |                                                | 418.30   |
| For >6 Months (>26 Weeks) , Deduct |     |                                                | -83.66   |
| 01 22 23 00-0074                   | DAY | 33' Engine Powered, Scissor Platform Lift..... | 447.49   |
| For Four-Wheel Drive, Add          |     |                                                | 89.50    |
| 01 22 23 00-0075                   | WK  | 33' Engine Powered, Scissor Platform Lift..... | 1,021.44 |
| For Four-Wheel Drive, Add          |     |                                                | 204.29   |
| 01 22 23 00-0076                   | MO  | 33' Engine Powered, Scissor Platform Lift..... | 2,237.44 |
| For Four-Wheel Drive, Add          |     |                                                | 447.49   |
| For >6 Months (>26 Weeks) , Deduct |     |                                                | -89.50   |
| 01 22 23 00-0077                   | DAY | 40' Engine Powered, Scissor Platform Lift..... | 496.13   |
| For Four-Wheel Drive, Add          |     |                                                | 99.23    |
| 01 22 23 00-0078                   | WK  | 40' Engine Powered, Scissor Platform Lift..... | 1,138.18 |
| For Four-Wheel Drive, Add          |     |                                                | 227.64   |
| 01 22 23 00-0079                   | MO  | 40' Engine Powered, Scissor Platform Lift..... | 2,529.28 |
| For Four-Wheel Drive, Add          |     |                                                | 505.86   |
| For >6 Months (>26 Weeks) , Deduct |     |                                                | -101.17  |
| 01 22 23 00-0080                   | DAY | 43' Engine Powered, Scissor Platform Lift..... | 525.31   |
| For Four-Wheel Drive, Add          |     |                                                | 105.06   |
| 01 22 23 00-0081                   | WK  | 43' Engine Powered, Scissor Platform Lift..... | 1,225.73 |
| For Four-Wheel Drive, Add          |     |                                                | 245.15   |
| 01 22 23 00-0082                   | MO  | 43' Engine Powered, Scissor Platform Lift..... | 3,015.68 |
| For Four-Wheel Drive, Add          |     |                                                | 603.14   |
| For >6 Months (>26 Weeks) , Deduct |     |                                                | -120.63  |



|                              |  |       |   |
|------------------------------|--|-------|---|
| General Requirements         |  | 01    | 5 |
| Price and Payment Procedures |  | 01 20 |   |
| Unit Prices                  |  | 01 22 |   |

| MINOR               |                                                                                                                                                           | TOTAL DIRECT |                       | DEMOLITION |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                           | UNIT COST    |                       | UNIT COST  |
| 01 22 23 00-0083    | DAY 50' Engine Powered, Scissor Platform Lift.....<br>For Four-Wheel Drive, Add                                                                           | 982.53       | 196.51                |            |
| 01 22 23 00-0084    | WK 50' Engine Powered, Scissor Platform Lift.....<br>For Four-Wheel Drive, Add                                                                            | 2,159.62     | 431.92                |            |
| 01 22 23 00-0085    | MO 50' Engine Powered, Scissor Platform Lift.....<br>For Four-Wheel Drive, Add<br>For >6 Months (>26 Weeks) , Deduct                                      | 5,311.49     | 1,062.30<br>-212.46   |            |
| 01 22 23 00-0086    | <b>Personnel Lifts</b> (01 22 23 00-0001)<br>Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces. |              |                       |            |
| 01 22 23 00-0087    | DAY 24', Push-Type, Electric Single Man Personnel Lift.....                                                                                               | 138.82       |                       |            |
| 01 22 23 00-0088    | WK 24', Push-Type, Electric Single Man Personnel Lift.....                                                                                                | 393.34       |                       |            |
| 01 22 23 00-0089    | MO 24', Push-Type, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                          | 794.39       | -31.78                |            |
| 01 22 23 00-0090    | DAY 30', Push-Type, Electric Single Man Personnel Lift.....                                                                                               | 192.81       |                       |            |
| 01 22 23 00-0091    | WK 30', Push-Type, Electric Single Man Personnel Lift.....                                                                                                | 408.76       |                       |            |
| 01 22 23 00-0092    | MO 30', Push-Type, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                          | 1,388.25     | -55.53                |            |
| 01 22 23 00-0093    | DAY 36', Push-Type, Electric Single Man Personnel Lift.....                                                                                               | 323.92       |                       |            |
| 01 22 23 00-0094    | WK 36', Push-Type, Electric Single Man Personnel Lift.....                                                                                                | 786.68       |                       |            |
| 01 22 23 00-0095    | MO 36', Push-Type, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                          | 2,298.32     | -91.93                |            |
| 01 22 23 00-0096    | DAY 40', Push-Type, Electric Single Man Personnel Lift.....                                                                                               | 347.06       |                       |            |
| 01 22 23 00-0097    | WK 40', Push-Type, Electric Single Man Personnel Lift.....                                                                                                | 863.80       |                       |            |
| 01 22 23 00-0098    | MO 40', Push-Type, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                          | 2,599.11     | -103.96               |            |
| 01 22 23 00-0099    | DAY 15', Self-Propelled, Electric Single Man Personnel Lift.....                                                                                          | 185.10       |                       |            |
| 01 22 23 00-0100    | WK 15', Self-Propelled, Electric Single Man Personnel Lift.....                                                                                           | 370.20       |                       |            |
| 01 22 23 00-0101    | MO 15', Self-Propelled, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                     | 740.40       | -29.62                |            |
| 01 22 23 00-0102    | DAY 20', Self-Propelled, Electric Single Man Personnel Lift.....                                                                                          | 185.10       |                       |            |
| 01 22 23 00-0103    | WK 20', Self-Propelled, Electric Single Man Personnel Lift.....                                                                                           | 370.20       |                       |            |
| 01 22 23 00-0104    | MO 20', Self-Propelled, Electric Single Man Personnel Lift.....<br>For >6 Months (>26 Weeks) , Deduct                                                     | 769.71       | -30.79                |            |
| 01 22 23 00-0105    | <b>Bucket Trucks</b> (01 22 23 00-0001)<br>Note: Includes full-time operator, delivery, and removal.                                                      |              |                       |            |
| 01 22 23 00-0106    | DAY 29' To 33' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                        | 1,452.47     | -753.53               |            |
| 01 22 23 00-0107    | WK 29' To 33' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                         | 5,864.46     | -3,767.64             |            |
| 01 22 23 00-0108    | MO 29' To 33' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                   | 21,663.82    | -16,326.46<br>-213.49 |            |
| 01 22 23 00-0109    | DAY 38' To 41' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                        | 1,541.43     | -753.53               |            |
| 01 22 23 00-0110    | WK 38' To 41' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                         | 6,150.39     | -3,767.64             |            |
| 01 22 23 00-0111    | MO 38' To 41' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                   | 22,426.30    | -16,326.46<br>-243.99 |            |
| 01 22 23 00-0112    | DAY 45' To 48' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                        | 1,770.17     | -753.53               |            |
| 01 22 23 00-0113    | WK 45' To 48' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                         | 6,563.40     | -3,767.64             |            |
| 01 22 23 00-0114    | MO 45' To 48' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                   | 23,315.86    | -16,326.46<br>-279.58 |            |
| 01 22 23 00-0115    | DAY 62' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                               | 2,278.49     | -753.53               |            |
| 01 22 23 00-0116    | WK 62' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                                | 8,215.44     | -3,767.64             |            |
| 01 22 23 00-0117    | MO 62' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                          | 27,763.66    | -16,326.46<br>-457.49 |            |
| 01 22 23 00-0118    | DAY 85' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                               | 2,532.65     | -753.53               |            |
| 01 22 23 00-0119    | WK 85' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                                | 9,105.00     | -3,767.64             |            |
| 01 22 23 00-0120    | MO 85' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                          | 30,940.66    | -16,326.46<br>-584.57 |            |
| 01 22 23 00-0121    | Day 105' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                              | 2,659.73     | -753.53               |            |
| 01 22 23 00-0122    | WK 105' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct                                                               | 9,486.24     | -3,767.64             |            |
| 01 22 23 00-0123    | MO 105' Bucket Truck With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                         | 31,245.65    | -16,326.46<br>-596.77 |            |
| 01 22 23 00-0124    | <b>Air Equipment</b> (01 22 23)                                                                                                                           |              |                       |            |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0125 |     | <b>Air Compressors</b> (01 22 23 00-0124)<br>Note: Includes delivery, set-up, and removal. Excludes operator.                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 01 22 23 00-0126 | DAY | 100 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 163.36                    |                         |
| 01 22 23 00-0127 | WK  | 100 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 490.07                    |                         |
| 01 22 23 00-0128 | MO  | 100 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,361.31                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -54.45                    |                         |
| 01 22 23 00-0129 | DAY | 130 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 196.03                    |                         |
| 01 22 23 00-0130 | WK  | 130 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 577.20                    |                         |
| 01 22 23 00-0131 | MO  | 130 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,633.58                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -65.34                    |                         |
| 01 22 23 00-0132 | DAY | 185 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 261.37                    |                         |
| 01 22 23 00-0133 | WK  | 185 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 588.09                    |                         |
| 01 22 23 00-0134 | MO  | 185 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,295.07                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -51.84                    |                         |
| 01 22 23 00-0135 | DAY | 375 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 370.28                    |                         |
| 01 22 23 00-0136 | WK  | 375 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 936.58                    |                         |
| 01 22 23 00-0137 | MO  | 375 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2,232.55                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -89.30                    |                         |
| 01 22 23 00-0138 | DAY | 600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 823.32                    |                         |
| 01 22 23 00-0139 | WK  | 600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,982.07                  |                         |
| 01 22 23 00-0140 | MO  | 600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4,939.93                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -197.60                   |                         |
| 01 22 23 00-0141 | DAY | 750 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 991.04                    |                         |
| 01 22 23 00-0142 | WK  | 750 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2,439.47                  |                         |
| 01 22 23 00-0143 | MO  | 750 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5,989.78                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -239.59                   |                         |
| 01 22 23 00-0144 | DAY | 825 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 991.04                    |                         |
| 01 22 23 00-0145 | WK  | 825 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2,439.47                  |                         |
| 01 22 23 00-0146 | MO  | 825 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5,989.78                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -239.59                   |                         |
| 01 22 23 00-0147 | DAY | 1,300 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,154.39                  |                         |
| 01 22 23 00-0148 | WK  | 1,300 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2,587.58                  |                         |
| 01 22 23 00-0149 | MO  | 1,300 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6,900.22                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -276.01                   |                         |
| 01 22 23 00-0150 | DAY | 1,600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,437.55                  |                         |
| 01 22 23 00-0151 | WK  | 1,600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3,234.48                  |                         |
| 01 22 23 00-0152 | MO  | 1,600 CFM Diesel Powered Portable Air Compressor.....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8,625.28                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -345.01                   |                         |
| 01 22 23 00-0153 |     | <b>Portable Negative Air Machines</b> (01 22 23 00-0124)<br>Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.                                                                                                                                                    |                           |                         |
| 01 22 23 00-0154 | DAY | Up To 2,000 CFM, Portable Negative Air Machine.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 104.34                    |                         |
| 01 22 23 00-0155 | WK  | Up To 2,000 CFM, Portable Negative Air Machine.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 428.56                    |                         |
| 01 22 23 00-0156 | MO  | Up To 2,000 CFM, Portable Negative Air Machine.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,294.99                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -51.80                    |                         |
| 01 22 23 00-0157 | EA  | First Stage Pre-Filter For Portable Negative Air Machines.....                                                                                                                                                                                                                                                                                                                                                                                                                         | 14.49                     |                         |
| 01 22 23 00-0158 | EA  | Second Stage Pre-Filter For Portable Negative Air Machines.....                                                                                                                                                                                                                                                                                                                                                                                                                        | 29.60                     |                         |
| 01 22 23 00-0159 | EA  | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....                                                                                                                                                                                                                                                                                                                                                                  | 140.93                    |                         |
| 01 22 23 00-0160 | LF  | Flexible Exhaust Duct For Portable Negative Air Machines.....                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.60                      |                         |
| 01 22 23 00-0161 |     | <b>Portable Air Scrubbers</b> (01 22 23 00-0124)<br>Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.                                                                                                                                                                           |                           |                         |
| 01 22 23 00-0162 | DAY | Up To 1,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                            | 66.00                     |                         |
| 01 22 23 00-0163 | WK  | Up To 1,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                            | 274.34                    |                         |
| 01 22 23 00-0164 | MO  | Up To 1,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                            | 759.42                    |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -30.38                    |                         |
| 01 22 23 00-0165 | DAY | >1,000 to 2,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 83.50                     |                         |
| 01 22 23 00-0166 | WK  | >1,000 to 2,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 345.91                    |                         |
| 01 22 23 00-0167 | MO  | >1,000 to 2,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,013.88                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40.56                    |                         |
| 01 22 23 00-0168 | DAY | >2,000 To 5,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 107.35                    |                         |
| 01 22 23 00-0169 | WK  | >2,000 To 5,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 457.24                    |                         |
| 01 22 23 00-0170 | MO  | >2,000 To 5,000 CFM, Portable Air Scrubber.....                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,280.27                  |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -51.21                    |                         |
| 01 22 23 00-0171 | EA  | First Stage Pre-Filter For Portable Air Scrubbers.....                                                                                                                                                                                                                                                                                                                                                                                                                                 | 19.26                     |                         |
| 01 22 23 00-0172 | EA  | Second Stage Pre-Filter For Portable Air Scrubbers.....                                                                                                                                                                                                                                                                                                                                                                                                                                | 25.62                     |                         |
| 01 22 23 00-0173 | EA  | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers.....                                                                                                                                                                                                                                                                                                                                                                          | 236.35                    |                         |
| 01 22 23 00-0174 |     | <b>Mobile Ceiling Access Carts For Containment And Filtration(HEPACART HC74)</b> (01 22 23 00-0124)<br>Note: A two person, end entry ceiling access cart with aluminum frame and caster, ICRA LEVEL I-IV compliant, HEPA filtered negative air machine, negative air indicator, 25' retractable extension cord, 10'-6" telescoping antimicrobial enclosure and LED lighting. Includes first and second stage pre-filters, HEPA filter, delivery to job site and pick-up when complete. |                           |                         |
| 01 22 23 00-0175 | DAY | 750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....                                                                                                                                                                                                                                                                                                                                                                                                | 281.81                    |                         |



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|------------------------------|--|--|-------|---|
| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR               |                                                                                                              | TOTAL DIRECT |            | DEMOLITION |  |
|---------------------|--------------------------------------------------------------------------------------------------------------|--------------|------------|------------|--|
| CSI UOM DESCRIPTION |                                                                                                              | UNIT COST    |            | UNIT COST  |  |
| 01 22 23 00-0176    | WK 750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....                   |              | 920.10     |            |  |
| 01 22 23 00-0177    | MO 750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....                   |              | 3,010.80   |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -120.43    |            |  |
| 01 22 23 00-0178    | Compaction And Paving Equipment (01 22 23)                                                                   |              |            |            |  |
| 01 22 23 00-0179    | Pavers And Rollers (01 22 23 00-0178)                                                                        |              |            |            |  |
|                     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                   |              |            |            |  |
| 01 22 23 00-0180    | Pavers (01 22 23 00-0179)                                                                                    |              |            |            |  |
| 01 22 23 00-0181    | DAY 10' Wide Paving Machine With Full-Time Operator .....                                                    |              | 4,376.51   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0182    | WK 10' Wide Paving Machine With Full-Time Operator .....                                                     |              | 18,477.05  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0183    | MO 10' Wide Paving Machine With Full-Time Operator .....                                                     |              | 69,689.38  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -1,946.04  |            |  |
| 01 22 23 00-0184    | Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0179)                                               |              |            |            |  |
| 01 22 23 00-0185    | DAY 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....           |              | 1,310.16   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0186    | WK 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....            |              | 5,880.82   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0187    | MO 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....            |              | 23,823.09  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -111.38    |            |  |
| 01 22 23 00-0188    | DAY 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....                 |              | 1,441.06   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0189    | WK 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....                  |              | 6,854.24   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0190    | MO 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator .....                  |              | 25,292.74  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -170.17    |            |  |
| 01 22 23 00-0191    | DAY 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....                |              | 1,447.01   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0192    | WK 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....                 |              | 6,467.49   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0193    | MO 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator .....                 |              | 25,578.34  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -181.59    |            |  |
| 01 22 23 00-0194    | Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0179)                                                   |              |            |            |  |
| 01 22 23 00-0195    | DAY 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....        |              | 1,363.71   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0196    | WK 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....         |              | 5,943.89   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0197    | MO 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....         |              | 24,186.04  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -125.90    |            |  |
| 01 22 23 00-0198    | DAY 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....        |              | 1,613.61   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0199    | WK 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....         |              | 6,449.64   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0200    | MO 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....         |              | 25,780.64  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -189.69    |            |  |
| 01 22 23 00-0201    | DAY 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator ..... |              | 1,673.11   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |
| 01 22 23 00-0202    | WK 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....  |              | 6,824.49   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -4,855.04  |            |  |
| 01 22 23 00-0203    | MO 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....  |              | 26,827.84  |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -21,038.49 |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -231.57    |            |  |
| 01 22 23 00-0204    | Towed, Padfoot Rollers (01 22 23 00-0179)                                                                    |              |            |            |  |
| 01 22 23 00-0205    | DAY 48" Wide, 40" Diameter, Towed Padfoot Roller .....                                                       |              | 113.05     |            |  |
| 01 22 23 00-0206    | WK 48" Wide, 40" Diameter, Towed Padfoot Roller .....                                                        |              | 327.25     |            |  |
| 01 22 23 00-0207    | MO 48" Wide, 40" Diameter, Towed Padfoot Roller .....                                                        |              | 963.90     |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -38.56     |            |  |
| 01 22 23 00-0208    | DAY 60" Wide, 60" Diameter, Towed Padfoot Roller .....                                                       |              | 142.80     |            |  |
| 01 22 23 00-0209    | WK 60" Wide, 60" Diameter, Towed Padfoot Roller .....                                                        |              | 398.65     |            |  |
| 01 22 23 00-0210    | MO 60" Wide, 60" Diameter, Towed Padfoot Roller .....                                                        |              | 1,695.75   |            |  |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                           |              | -67.83     |            |  |
| 01 22 23 00-0211    | Static Rollers (01 22 23 00-0179)                                                                            |              |            |            |  |
| 01 22 23 00-0212    | DAY 5 Ton, 2 Drum Articulated Roller With Full-Time Operator .....                                           |              | 1,393.46   |            |  |
|                     | For Equipment Without Operator, Deduct                                                                       |              | -971.01    |            |  |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0213 WK 5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....                                                                                                                                                          | 6,199.74                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0214 MO 5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....                                                                                                                                                          | 25,024.99                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -159.46                   |                         |
| 01 22 23 00-0215 DAY 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator .....                                                                                                                                                  | 1,524.36                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0216 WK 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator .....                                                                                                                                                   | 6,556.74                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0217 MO 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator .....                                                                                                                                                   | 26,012.69                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -198.97                   |                         |
| <b>01 22 23 00-0218 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0179)</b>                                                                                                                                           |                           |                         |
| 01 22 23 00-0219 DAY 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                     | 1,203.06                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0220 WK 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 5,533.34                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0221 MO 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 22,823.49                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -71.40                    |                         |
| 01 22 23 00-0222 DAY 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                     | 1,292.31                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0223 WK 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 5,801.09                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0224 MO 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 23,537.49                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -99.96                    |                         |
| 01 22 23 00-0225 DAY 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 1,351.81                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0226 WK 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                       | 5,979.59                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0227 MO 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                       | 24,013.49                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -119.00                   |                         |
| 01 22 23 00-0228 DAY 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                      | 1,429.16                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0229 WK 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                       | 6,205.69                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0230 MO 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                       | 24,602.54                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -142.56                   |                         |
| 01 22 23 00-0231 DAY 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                               | 1,583.86                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -971.01                   |                         |
| 01 22 23 00-0232 WK 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                | 6,657.89                  |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -4,855.04                 |                         |
| 01 22 23 00-0233 MO 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator .....                                                                                                                | 25,798.49                 |                         |
| For Equipment Without Operator, Deduct                                                                                                                                                                                                     | -21,038.49                |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -190.40                   |                         |
| <b>01 22 23 00-0234 Steel Roadway Plates (01 22 23 00-0178)</b>                                                                                                                                                                            |                           |                         |
| Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0235 for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck. |                           |                         |
| 01 22 23 00-0235 EA Placement And Removal Of Steel Roadway Plates.....                                                                                                                                                                     | 59.85                     |                         |
| 01 22 23 00-0236 DAY 1" x 4' x 8' Steel Plate .....                                                                                                                                                                                        | 44.12                     |                         |
| 01 22 23 00-0237 WK 1" x 4' x 8' Steel Plate .....                                                                                                                                                                                         | 104.18                    |                         |
| 01 22 23 00-0238 MO 1" x 4' x 8' Steel Plate .....                                                                                                                                                                                         | 137.10                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -5.48                     |                         |
| 01 22 23 00-0239 DAY 1" x 4' x 10' Steel Plate .....                                                                                                                                                                                       | 58.83                     |                         |
| 01 22 23 00-0240 WK 1" x 4' x 10' Steel Plate .....                                                                                                                                                                                        | 132.36                    |                         |
| 01 22 23 00-0241 MO 1" x 4' x 10' Steel Plate .....                                                                                                                                                                                        | 161.78                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -6.47                     |                         |
| 01 22 23 00-0242 DAY 1" x 5' x 10' Steel Plate .....                                                                                                                                                                                       | 61.28                     |                         |
| 01 22 23 00-0243 WK 1" x 5' x 10' Steel Plate .....                                                                                                                                                                                        | 138.49                    |                         |
| 01 22 23 00-0244 MO 1" x 5' x 10' Steel Plate .....                                                                                                                                                                                        | 367.68                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -14.71                    |                         |
| 01 22 23 00-0245 DAY 1" x 6' x 8' Steel Plate .....                                                                                                                                                                                        | 39.22                     |                         |
| 01 22 23 00-0246 WK 1" x 6' x 8' Steel Plate .....                                                                                                                                                                                         | 88.24                     |                         |
| 01 22 23 00-0247 MO 1" x 6' x 8' Steel Plate .....                                                                                                                                                                                         | 235.32                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -9.41                     |                         |
| 01 22 23 00-0248 DAY 1" x 6' x 10' Steel Plate .....                                                                                                                                                                                       | 73.54                     |                         |
| 01 22 23 00-0249 WK 1" x 6' x 10' Steel Plate .....                                                                                                                                                                                        | 96.82                     |                         |
| 01 22 23 00-0250 MO 1" x 6' x 10' Steel Plate .....                                                                                                                                                                                        | 258.60                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -10.34                    |                         |
| 01 22 23 00-0251 DAY 1" x 6' x 12' Steel Plate .....                                                                                                                                                                                       | 102.95                    |                         |
| 01 22 23 00-0252 WK 1" x 6' x 12' Steel Plate .....                                                                                                                                                                                        | 131.75                    |                         |
| 01 22 23 00-0253 MO 1" x 6' x 12' Steel Plate .....                                                                                                                                                                                        | 356.65                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -14.27                    |                         |
| 01 22 23 00-0254 DAY 1" x 8' x 10' Steel Plate .....                                                                                                                                                                                       | 64.96                     |                         |
| 01 22 23 00-0255 WK 1" x 8' x 10' Steel Plate .....                                                                                                                                                                                        | 145.85                    |                         |





|                              |  |  |       |   |
|------------------------------|--|--|-------|---|
| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR            |                                                                                                                                                                                                                      | TOTAL DIRECT |           | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                      | UNIT COST    | UNIT COST | UNIT COST  |
| 01 22 23 00-0256 | MO 1" x 8' x 10' Steel Plate .....                                                                                                                                                                                   | 388.52       |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -15.54       |           |            |
| 01 22 23 00-0257 | DAY 1" x 8' x 12' Steel Plate .....                                                                                                                                                                                  | 117.66       |           |            |
| 01 22 23 00-0258 | WK 1" x 8' x 12' Steel Plate .....                                                                                                                                                                                   | 145.85       |           |            |
| 01 22 23 00-0259 | MO 1" x 8' x 12' Steel Plate .....                                                                                                                                                                                   | 705.95       |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -28.24       |           |            |
| 01 22 23 00-0260 | DAY 1" x 8' x 16' Steel Plate .....                                                                                                                                                                                  | 156.88       |           |            |
| 01 22 23 00-0261 | WK 1" x 8' x 16' Steel Plate .....                                                                                                                                                                                   | 352.97       |           |            |
| 01 22 23 00-0262 | MO 1" x 8' x 16' Steel Plate .....                                                                                                                                                                                   | 941.26       |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -37.65       |           |            |
| 01 22 23 00-0263 | DAY 1-1/4" x 8' x 10' Steel Plate .....                                                                                                                                                                              | 77.95        |           |            |
| 01 22 23 00-0264 | WK 1-1/4" x 8' x 10' Steel Plate .....                                                                                                                                                                               | 175.02       |           |            |
| 01 22 23 00-0265 | MO 1-1/4" x 8' x 10' Steel Plate .....                                                                                                                                                                               | 466.22       |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -18.65       |           |            |
| 01 22 23 00-0266 | DAY 1-1/2" x 8' x 15' Steel Plate .....                                                                                                                                                                              | 180.41       |           |            |
| 01 22 23 00-0267 | WK 1-1/2" x 8' x 15' Steel Plate .....                                                                                                                                                                               | 405.92       |           |            |
| 01 22 23 00-0268 | MO 1-1/2" x 8' x 15' Steel Plate .....                                                                                                                                                                               | 1,082.45     |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -43.30       |           |            |
| 01 22 23 00-0269 | LF Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate .....                                                                                                                                                | 2.65         |           | 1.19       |
| 01 22 23 00-0270 | EA Removal And Resetting Of Steel Roadway Plate .....                                                                                                                                                                | 33.25        |           |            |
|                  |                                                                                                                                                                                                                      |              |           |            |
| 01 22 23 00-0271 | <b>Street Sweepers</b> (01 22 23 00-0178)<br>Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                                                                              |              |           |            |
| 01 22 23 00-0272 | DAY 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....                                                                                                                                       | 1,167.67     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0273 | WK 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....                                                                                                                                        | 5,630.39     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0274 | MO 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....                                                                                                                                        | 23,786.27    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -113.20      |           |            |
| 01 22 23 00-0275 | DAY Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....                                                                                                                                           | 2,197.51     |           |            |
|                  | Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.                                                                                                                                     |              |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0276 | WK Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....                                                                                                                                            | 9,764.06     |           |            |
|                  | Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.                                                                                                                                     |              |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0277 | MO Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....                                                                                                                                            | 38,543.11    |           |            |
|                  | Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.                                                                                                                                     |              |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -703.48      |           |            |
|                  |                                                                                                                                                                                                                      |              |           |            |
| 01 22 23 00-0278 | <b>Earthmoving Equipment</b> (01 22 23)                                                                                                                                                                              |              |           |            |
| 01 22 23 00-0279 | <b>Skid-Steer Loaders</b> (01 22 23 00-0278)<br>Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal. |              |           |            |
| 01 22 23 00-0280 | DAY 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                                       | 1,318.56     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0281 | WK 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                                        | 5,757.80     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0282 | MO 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                                        | 23,176.08    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -88.79       |           |            |
| 01 22 23 00-0283 | DAY 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                            | 1,411.18     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0284 | WK 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                             | 5,925.39     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0285 | MO 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                             | 23,543.61    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -103.50      |           |            |
| 01 22 23 00-0286 | DAY 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                            | 1,437.64     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0287 | WK 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                             | 6,166.49     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0288 | MO 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator .....                                                                                                                             | 24,183.10    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -129.07      |           |            |
| 01 22 23 00-0289 | DAY 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                    | 1,540.55     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0290 | WK 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                     | 6,504.61     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0291 | MO 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                     | 25,300.38    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -173.77      |           |            |
| 01 22 23 00-0292 | DAY 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                    | 1,716.96     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -967.21      |           |            |
| 01 22 23 00-0293 | WK 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                     | 7,173.51     |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -4,836.05    |           |            |
| 01 22 23 00-0294 | MO 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator .....                                                                                                                     | 26,946.89    |           |            |
|                  | For Equipment Without Operator, Deduct .....                                                                                                                                                                         | -20,956.23   |           |            |
|                  | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                                                                             | -239.63      |           |            |
| 01 22 23 00-0295 | DAY Hydraulic Hammer Attachment For Skid-Steer Loaders .....                                                                                                                                                         | 294.02       |           |            |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|--------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0296        | WK  | Hydraulic Hammer Attachment For Skid-Steer Loaders .....                                               | 977.62                    |                         |
| 01 22 23 00-0297        | MO  | Hydraulic Hammer Attachment For Skid-Steer Loaders .....                                               | 2,602.08                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -104.08                   |                         |
| 01 22 23 00-0298        | DAY | Forklift Attachment For Skid-Steer Loaders .....                                                       | 63.21                     |                         |
| 01 22 23 00-0299        | WK  | Forklift Attachment For Skid-Steer Loaders .....                                                       | 169.06                    |                         |
| 01 22 23 00-0300        | MO  | Forklift Attachment For Skid-Steer Loaders .....                                                       | 477.78                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -19.11                    |                         |
| 01 22 23 00-0301        | DAY | Backhoe Attachment For Skid-Steer Loaders .....                                                        | 139.66                    |                         |
| 01 22 23 00-0302        | WK  | Backhoe Attachment For Skid-Steer Loaders .....                                                        | 335.18                    |                         |
| 01 22 23 00-0303        | MO  | Backhoe Attachment For Skid-Steer Loaders .....                                                        | 833.55                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -33.34                    |                         |
| 01 22 23 00-0304        | DAY | Broom Attachment For Skid-Steer Loaders .....                                                          | 138.19                    |                         |
| 01 22 23 00-0305        | WK  | Broom Attachment For Skid-Steer Loaders .....                                                          | 374.88                    |                         |
| 01 22 23 00-0306        | MO  | Broom Attachment For Skid-Steer Loaders .....                                                          | 992.32                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -39.69                    |                         |
| 01 22 23 00-0307        | DAY | Concrete Pump Attachment For Skid-Steer Loaders .....                                                  | 294.02                    |                         |
| 01 22 23 00-0308        | WK  | Concrete Pump Attachment For Skid-Steer Loaders .....                                                  | 977.62                    |                         |
| 01 22 23 00-0309        | MO  | Concrete Pump Attachment For Skid-Steer Loaders .....                                                  | 2,602.08                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -104.08                   |                         |
| 01 22 23 00-0310        | DAY | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders .....                           | 120.55                    |                         |
| 01 22 23 00-0311        | WK  | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders .....                           | 332.24                    |                         |
| 01 22 23 00-0312        | MO  | Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders .....                           | 907.05                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -36.28                    |                         |
| 01 22 23 00-0313        | DAY | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....          | 33.22                     |                         |
| 01 22 23 00-0314        | WK  | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....          | 86.93                     |                         |
| 01 22 23 00-0315        | MO  | Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....          | 255.67                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -10.23                    |                         |
| 01 22 23 00-0316        | DAY | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....        | 44.74                     |                         |
| 01 22 23 00-0317        | WK  | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....        | 111.21                    |                         |
| 01 22 23 00-0318        | MO  | >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....        | 332.37                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -13.29                    |                         |
| 01 22 23 00-0319        | DAY | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) ..... | 65.18                     |                         |
| 01 22 23 00-0320        | WK  | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) ..... | 198.15                    |                         |
| 01 22 23 00-0321        | MO  | Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) ..... | 588.04                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -23.52                    |                         |
| 01 22 23 00-0322        | DAY | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....                    | 13.23                     |                         |
| 01 22 23 00-0323        | WK  | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....                    | 30.87                     |                         |
| 01 22 23 00-0324        | MO  | 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....                    | 82.33                     |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -3.29                     |                         |
| <b>01 22 23 00-0325</b> |     | <b>Bulldozers (01 22 23 00-0278)</b>                                                                   |                           |                         |
|                         |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.                             |                           |                         |
| 01 22 23 00-0326        | DAY | 70 HP, D3 Bulldozer With Full-Time Operator .....                                                      | 1,419.79                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0327        | WK  | 70 HP, D3 Bulldozer With Full-Time Operator .....                                                      | 6,624.75                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |
| 01 22 23 00-0328        | MO  | 70 HP, D3 Bulldozer With Full-Time Operator .....                                                      | 26,288.34                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -21,038.49                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -209.99                   |                         |
| 01 22 23 00-0329        | DAY | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator .....                                         | 1,631.47                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0330        | WK  | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator .....                                         | 7,479.96                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |
| 01 22 23 00-0331        | MO  | 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator .....                                         | 28,913.27                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -21,038.49                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -314.99                   |                         |
| 01 22 23 00-0332        | DAY | 140 HP, D6 Bulldozer With Full-Time Operator .....                                                     | 2,232.67                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0333        | WK  | 140 HP, D6 Bulldozer With Full-Time Operator .....                                                     | 9,884.74                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |
| 01 22 23 00-0334        | MO  | 140 HP, D6 Bulldozer With Full-Time Operator .....                                                     | 36,110.64                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -21,038.49                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -602.89                   |                         |
| 01 22 23 00-0335        | DAY | 200 HP, D7 Bulldozer With Full-Time Operator .....                                                     | 2,766.12                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0336        | WK  | 200 HP, D7 Bulldozer With Full-Time Operator .....                                                     | 12,027.01                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |
| 01 22 23 00-0337        | MO  | 200 HP, D7 Bulldozer With Full-Time Operator .....                                                     | 42,545.94                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -21,038.49                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -860.30                   |                         |
| 01 22 23 00-0338        | DAY | 335 HP, D8 Bulldozer With Full-Time Operator .....                                                     | 3,401.18                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0339        | WK  | 335 HP, D8 Bulldozer With Full-Time Operator .....                                                     | 14,567.26                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |
| 01 22 23 00-0340        | MO  | 335 HP, D8 Bulldozer With Full-Time Operator .....                                                     | 50,166.69                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -21,038.49                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                  | -1,165.13                 |                         |
| 01 22 23 00-0341        | DAY | 460 HP, D9 Bulldozer With Full-Time Operator .....                                                     | 3,756.82                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -971.01                   |                         |
| 01 22 23 00-0342        | WK  | 460 HP, D9 Bulldozer With Full-Time Operator .....                                                     | 15,981.34                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i> .....                                                    | -4,855.04                 |                         |



|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST            | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------|
| 01 22 23 00-0343 MO 460 HP, D9 Bulldozer With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....                  | 54,400.44<br>-21,038.49<br>-1,334.48 |                         |
| <b>01 22 23 00-0344 Motor Scraper (01 22 23 00-0278)</b><br>Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                              |                                      |                         |
| 01 22 23 00-0345 DAY 11 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 2,287.64<br>-971.01                  |                         |
| 01 22 23 00-0346 WK 11 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 10,121.55<br>-4,855.04               |                         |
| 01 22 23 00-0347 MO 11 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 36,819.99<br>-21,038.49<br>-631.26   |                         |
| 01 22 23 00-0348 DAY 18 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 2,819.70<br>-971.01                  |                         |
| 01 22 23 00-0349 WK 18 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 12,249.80<br>-4,855.04               |                         |
| 01 22 23 00-0350 MO 18 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 43,222.77<br>-21,038.49<br>-887.37   |                         |
| 01 22 23 00-0351 DAY 24 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 3,333.73<br>-971.01                  |                         |
| 01 22 23 00-0352 WK 24 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 14,296.89<br>-4,855.04               |                         |
| 01 22 23 00-0353 MO 24 CY Motor Scraper-Hauler With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 49,355.01<br>-21,038.49<br>-1,132.66 |                         |
| <b>01 22 23 00-0354 Hydraulic Excavators (01 22 23 00-0278)</b><br>Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                       |                                      |                         |
| 01 22 23 00-0355 DAY 3/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 1,346.88<br>-971.01                  |                         |
| 01 22 23 00-0356 WK 3/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 6,184.50<br>-4,855.04                |                         |
| 01 22 23 00-0357 MO 3/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 25,493.21<br>-21,038.49<br>-178.19   |                         |
| 01 22 23 00-0358 DAY 1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 1,452.68<br>-971.01                  |                         |
| 01 22 23 00-0359 WK 1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 6,650.85<br>-4,855.04                |                         |
| 01 22 23 00-0360 MO 1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 27,358.62<br>-21,038.49<br>-252.81   |                         |
| 01 22 23 00-0361 DAY 5/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 1,486.09<br>-971.01                  |                         |
| 01 22 23 00-0362 WK 5/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 6,824.86<br>-4,855.04                |                         |
| 01 22 23 00-0363 MO 5/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 27,664.89<br>-21,038.49<br>-265.06   |                         |
| 01 22 23 00-0364 DAY 3/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                       | 1,520.89<br>-971.01                  |                         |
| 01 22 23 00-0365 WK 3/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                        | 6,984.95<br>-4,855.04                |                         |
| 01 22 23 00-0366 MO 3/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....            | 27,971.15<br>-21,038.49<br>-277.31   |                         |
| 01 22 23 00-0367 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                  | 1,548.73<br>-971.01                  |                         |
| 01 22 23 00-0368 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                                   | 7,152.00<br>-4,855.04                |                         |
| 01 22 23 00-0369 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....       | 28,277.41<br>-21,038.49<br>-289.56   |                         |
| 01 22 23 00-0370 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                            | 1,924.60<br>-971.01                  |                         |
| 01 22 23 00-0371 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                             | 8,648.51<br>-4,855.04                |                         |
| 01 22 23 00-0372 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct ..... | 32,418.91<br>-21,038.49<br>-455.22   |                         |
| 01 22 23 00-0373 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                            | 1,980.28<br>-971.01                  |                         |
| 01 22 23 00-0374 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                             | 8,892.13<br>-4,855.04                |                         |
| 01 22 23 00-0375 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct ..... | 33,149.76<br>-21,038.49<br>-484.45   |                         |
| 01 22 23 00-0376 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                            | 2,084.69<br>-971.01                  |                         |
| 01 22 23 00-0377 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....                                             | 9,309.76<br>-4,855.04                |                         |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0378 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....                                      | 34,402.65                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -534.57                   |                         |
| 01 22 23 00-0379 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....                                         | 2,203.02                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0380 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....                                          | 9,776.11                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0381 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....                                          | 35,794.75                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -590.25                   |                         |
| 01 22 23 00-0382 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....                                     | 2,237.82                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0383 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....                                      | 9,915.32                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0384 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....                                      | 36,212.38                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -606.96                   |                         |
| 01 22 23 00-0385 DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                         | 2,571.93                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0386 WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                          | 11,258.70                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0387 MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                          | 40,249.47                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -768.44                   |                         |
| 01 22 23 00-0388 DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                         | 3,052.20                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0389 WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                          | 13,165.88                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0390 MO 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator .....                                          | 45,957.08                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -996.74                   |                         |
| 01 22 23 00-0391 DAY 6 To 11 CY Hydraulic Excavator With Full-Time Operator .....                                            | 3,643.84                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0392 WK 6 To 11 CY Hydraulic Excavator With Full-Time Operator .....                                             | 15,532.45                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0393 MO 6 To 11 CY Hydraulic Excavator With Full-Time Operator .....                                             | 53,056.79                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -1,280.73                 |                         |
| 01 22 23 00-0394 DAY Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator ..... | 2,112.53                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0395 WK Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator .....  | 9,407.21                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0396 MO Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator .....  | 34,681.07                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -545.70                   |                         |
| 01 22 23 00-0397 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators .....                                             | 97.45                     |                         |
| 01 22 23 00-0398 WK Thumbs Or Grapple Attachment For Hydraulic Excavators .....                                              | 375.87                    |                         |
| 01 22 23 00-0399 MO Thumbs Or Grapple Attachment For Hydraulic Excavators .....                                              | 1,113.68                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -44.55                    |                         |
| 01 22 23 00-0400 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                  | 431.55                    |                         |
| 01 22 23 00-0401 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 1,141.52                  |                         |
| 01 22 23 00-0402 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 3,194.87                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -127.79                   |                         |
| 01 22 23 00-0403 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                  | 668.21                    |                         |
| 01 22 23 00-0404 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 1,705.32                  |                         |
| 01 22 23 00-0405 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 4,433.84                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -177.35                   |                         |
| 01 22 23 00-0406 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                  | 932.71                    |                         |
| 01 22 23 00-0407 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 2,512.74                  |                         |
| 01 22 23 00-0408 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators .....                                   | 7,044.03                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -281.76                   |                         |
| 01 22 23 00-0409 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators .....                                          | 194.89                    |                         |
| 01 22 23 00-0410 WK 24" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 779.58                    |                         |
| 01 22 23 00-0411 MO 24" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 2,338.73                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -93.55                    |                         |
| 01 22 23 00-0412 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators .....                                          | 278.42                    |                         |
| 01 22 23 00-0413 WK 36" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 1,113.68                  |                         |
| 01 22 23 00-0414 MO 36" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 3,341.04                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -133.64                   |                         |
| 01 22 23 00-0415 DAY 48" Compaction Wheel Attachment For Hydraulic Excavators .....                                          | 306.26                    |                         |
| 01 22 23 00-0416 WK 48" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 1,211.13                  |                         |
| 01 22 23 00-0417 MO 48" Compaction Wheel Attachment For Hydraulic Excavators .....                                           | 3,619.46                  |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -144.78                   |                         |
| <b>01 22 23 00-0418 Mini-Excavators (01 22 23 00-0278)</b>                                                                   |                           |                         |
| Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                                   |                           |                         |
| 01 22 23 00-0419 DAY 2,000 LB Mini-Excavator With Full-Time Operator .....                                                   | 1,263.35                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -971.01                   |                         |
| 01 22 23 00-0420 WK 2,000 LB Mini-Excavator With Full-Time Operator .....                                                    | 5,683.34                  |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -4,855.04                 |                         |
| 01 22 23 00-0421 MO 2,000 LB Mini-Excavator With Full-Time Operator .....                                                    | 22,862.14                 |                         |
| For Equipment Without Operator, Deduct .....                                                                                 | -21,038.49                |                         |
| For >6 Months (>26 Weeks), Deduct .....                                                                                      | -72.95                    |                         |



|                              |  |  |       |   |
|------------------------------|--|--|-------|---|
| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0422 | DAY | 3,500 LB Mini-Excavator With Full-Time Operator.....                                  | 1,270.31                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0423 | WK  | 3,500 LB Mini-Excavator With Full-Time Operator.....                                  | 5,704.22                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0424 | MO  | 3,500 LB Mini-Excavator With Full-Time Operator.....                                  | 23,300.65                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -90.49                    |                         |
| 01 22 23 00-0425 | DAY | 6,000 LB Mini-Excavator With Full-Time Operator.....                                  | 1,305.11                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0426 | WK  | 6,000 LB Mini-Excavator With Full-Time Operator.....                                  | 5,801.67                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0427 | MO  | 6,000 LB Mini-Excavator With Full-Time Operator.....                                  | 23,363.30                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -92.99                    |                         |
| 01 22 23 00-0428 | DAY | 7,500 LB Mini-Excavator With Full-Time Operator.....                                  | 1,319.03                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0429 | WK  | 7,500 LB Mini-Excavator With Full-Time Operator.....                                  | 5,850.39                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0430 | MO  | 7,500 LB Mini-Excavator With Full-Time Operator.....                                  | 23,391.14                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -94.11                    |                         |
| 01 22 23 00-0431 | DAY | 9,500 LB Mini-Excavator With Full-Time Operator.....                                  | 1,402.56                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0432 | WK  | 9,500 LB Mini-Excavator With Full-Time Operator.....                                  | 5,920.00                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0433 | MO  | 9,500 LB Mini-Excavator With Full-Time Operator.....                                  | 24,198.56                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -126.40                   |                         |
| 01 22 23 00-0434 | DAY | 11,000 LB Mini-Excavator With Full-Time Operator.....                                 | 1,409.52                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0435 | WK  | 11,000 LB Mini-Excavator With Full-Time Operator.....                                 | 6,268.02                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0436 | MO  | 11,000 LB Mini-Excavator With Full-Time Operator.....                                 | 24,233.36                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -127.79                   |                         |
| 01 22 23 00-0437 |     | Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0278)                          |                           |                         |
|                  |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.            |                           |                         |
| 01 22 23 00-0438 | DAY | Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....                 | 4,393.25                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0439 | WK  | Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....                 | 12,898.39                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0440 | MO  | Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator.....                 | 49,746.36                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -1,148.31                 |                         |
| 01 22 23 00-0441 |     | Road Graders (01 22 23 00-0278)                                                       |                           |                         |
|                  |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.            |                           |                         |
| 01 22 23 00-0442 | DAY | 50 To 60 HP Road Grader With Full-Time Operator.....                                  | 2,323.71                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0443 | WK  | 50 To 60 HP Road Grader With Full-Time Operator.....                                  | 8,372.06                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0444 | MO  | 50 To 60 HP Road Grader With Full-Time Operator.....                                  | 30,507.39                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -378.76                   |                         |
| 01 22 23 00-0445 | DAY | 80 To 100 HP Road Grader With Full-Time Operator.....                                 | 2,991.04                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0446 | WK  | 80 To 100 HP Road Grader With Full-Time Operator.....                                 | 9,851.01                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0447 | MO  | 80 To 100 HP Road Grader With Full-Time Operator.....                                 | 35,016.39                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -559.12                   |                         |
| 01 22 23 00-0448 | DAY | 130 To 140 HP Road Grader With Full-Time Operator.....                                | 3,488.53                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0449 | WK  | 130 To 140 HP Road Grader With Full-Time Operator.....                                | 11,324.55                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0450 | MO  | 130 To 140 HP Road Grader With Full-Time Operator.....                                | 40,449.73                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.49                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -776.45                   |                         |
| 01 22 23 00-0451 | DAY | 170 To 185 HP Road Grader With Full-Time Operator.....                                | 4,244.54                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |
| 01 22 23 00-0452 | WK  | 170 To 185 HP Road Grader With Full-Time Operator.....                                | 17,949.18                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -4,855.04                 |                         |
| 01 22 23 00-0453 | MO  | 170 To 185 HP Road Grader With Full-Time Operator.....                                | 66,867.94                 |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -21,038.46                |                         |
|                  |     | For >6 Months (>26 Weeks) , Deduct                                                    | -1,833.18                 |                         |
| 01 22 23 00-0454 |     | Loader-Backhoes With Standard Bucket (01 22 23 00-0278)                               |                           |                         |
|                  |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.            |                           |                         |
| 01 22 23 00-0455 | DAY | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator..... | 1,403.33                  |                         |
|                  |     | For Equipment Without Operator, Deduct                                                | -971.01                   |                         |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI                                                                      | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0456                                                                  | WK  | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....  | 5,881.80                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0457                                                                  | MO  | 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....  | 23,454.85                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -96.65                    |                         |
| 01 22 23 00-0458                                                                  | DAY | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....      | 1,449.65                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0459                                                                  | WK  | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....      | 6,043.92                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0460                                                                  | MO  | 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....      | 24,443.01                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -136.18                   |                         |
| 01 22 23 00-0461                                                                  | DAY | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....  | 1,521.06                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0462                                                                  | WK  | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....  | 6,221.48                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0463                                                                  | MO  | 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....  | 24,952.53                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -156.56                   |                         |
| 01 22 23 00-0464                                                                  | DAY | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... | 1,839.51                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0465                                                                  | WK  | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... | 7,171.04                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0466                                                                  | MO  | 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... | 27,669.97                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -265.26                   |                         |
| <b>01 22 23 00-0467 Heavy Duty Construction Loaders</b> (01 22 23 00-0278)        |     |                                                                                        |                           |                         |
| Note: Includes full-time operator. Excludes delivery, set-up, and removal.        |     |                                                                                        |                           |                         |
| 01 22 23 00-0468                                                                  | DAY | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 1,471.51                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0469                                                                  | WK  | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 6,833.94                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0470                                                                  | MO  | 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 26,967.49                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -237.16                   |                         |
| 01 22 23 00-0471                                                                  | DAY | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....              | 1,887.31                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0472                                                                  | WK  | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....              | 7,288.24                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0473                                                                  | MO  | 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....              | 27,198.49                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -246.40                   |                         |
| 01 22 23 00-0474                                                                  | DAY | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 1,979.71                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0475                                                                  | WK  | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 7,534.64                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0476                                                                  | MO  | 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 27,814.49                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -271.04                   |                         |
| 01 22 23 00-0477                                                                  | DAY | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 2,233.81                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0478                                                                  | WK  | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 8,204.54                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0479                                                                  | MO  | 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 29,508.49                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -338.80                   |                         |
| 01 22 23 00-0480                                                                  | DAY | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 2,888.31                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0481                                                                  | WK  | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 12,508.84                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0482                                                                  | MO  | 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....          | 43,984.49                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -917.84                   |                         |
| 01 22 23 00-0483                                                                  | DAY | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....         | 7,200.23                  |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -971.01                   |                         |
| 01 22 23 00-0484                                                                  | WK  | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....         | 25,082.72                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -4,855.04                 |                         |
| 01 22 23 00-0485                                                                  | MO  | 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....         | 76,164.41                 |                         |
|                                                                                   |     | <i>For Equipment Without Operator, Deduct</i>                                          | -21,038.49                |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -2,205.04                 |                         |
| <b>01 22 23 00-0486 Shoring</b> (01 22 23 00-0278)                                |     |                                                                                        |                           |                         |
| Note: Includes delivery to job site and pick-up when complete.                    |     |                                                                                        |                           |                         |
| <b>01 22 23 00-0487 Aluminum Hydraulic Shoring</b> (01 22 23 00-0486)             |     |                                                                                        |                           |                         |
| Note: Includes delivery to job site and pick-up when complete. Excludes sheeting. |     |                                                                                        |                           |                         |
| 01 22 23 00-0488                                                                  | WK  | 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....                                  | 114.71                    |                         |
|                                                                                   |     | Note: Up to 88" spread width.                                                          |                           |                         |
| 01 22 23 00-0489                                                                  | MO  | 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....                                  | 338.35                    |                         |
|                                                                                   |     | Note: Up to 88" spread width.                                                          |                           |                         |
|                                                                                   |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                        | -13.53                    |                         |





|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR                                                           |    |                                                                                                                                                                                                                   | TOTAL DIRECT |  | DEMOLITION |
|-----------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION                                             |    |                                                                                                                                                                                                                   | UNIT COST    |  | UNIT COST  |
| 01 22 23 00-0490                                                | WK | Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring .....                                                                                                                                                    | 153.88       |  |            |
|                                                                 |    | Note: Up to 88" spread width.                                                                                                                                                                                     |              |  |            |
| 01 22 23 00-0491                                                | MO | Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring .....                                                                                                                                                    | 453.89       |  |            |
|                                                                 |    | Note: Up to 88" spread width.                                                                                                                                                                                     |              |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -18.16       |  |            |
| 01 22 23 00-0492                                                | WK | Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring .....                                                                                                                                                    | 285.34       |  |            |
|                                                                 |    | Note: Up to 88" spread width.                                                                                                                                                                                     |              |  |            |
| 01 22 23 00-0493                                                | MO | Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring .....                                                                                                                                                    | 841.75       |  |            |
|                                                                 |    | Note: Up to 88" spread width.                                                                                                                                                                                     |              |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -33.67       |  |            |
| 01 22 23 00-0494                                                | EA | Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores.....                                                                                                                                                   | 30.38        |  |            |
| 01 22 23 00-0495                                                | EA | Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores.....                                                                                                                                                  | 48.61        |  |            |
| 01 22 23 00-0496                                                | EA | Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores.....                                                                                                                                                  | 81.01        |  |            |
| 01 22 23 00-0497 Trench Boxes/Trench Shields (01 22 23 00-0278) |    |                                                                                                                                                                                                                   |              |  |            |
|                                                                 |    | Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required. |              |  |            |
| 01 22 23 00-0498                                                | WK | 4' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 256.08       |  |            |
| 01 22 23 00-0499                                                | MO | 4' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 768.23       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -30.73       |  |            |
| 01 22 23 00-0500                                                | WK | 6' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 289.12       |  |            |
| 01 22 23 00-0501                                                | MO | 6' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 867.35       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -34.69       |  |            |
| 01 22 23 00-0502                                                | WK | 8' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 305.64       |  |            |
| 01 22 23 00-0503                                                | MO | 8' x 6' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 916.92       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -36.68       |  |            |
| 01 22 23 00-0504                                                | WK | 4' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 280.86       |  |            |
| 01 22 23 00-0505                                                | MO | 4' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 842.57       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -33.70       |  |            |
| 01 22 23 00-0506                                                | WK | 6' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 330.42       |  |            |
| 01 22 23 00-0507                                                | MO | 6' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 991.26       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -39.65       |  |            |
| 01 22 23 00-0508                                                | WK | 8' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 371.72       |  |            |
| 01 22 23 00-0509                                                | MO | 8' x 8' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                  | 1,115.17     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -44.61       |  |            |
| 01 22 23 00-0510                                                | WK | 4' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 313.90       |  |            |
| 01 22 23 00-0511                                                | MO | 4' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 941.70       |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -37.67       |  |            |
| 01 22 23 00-0512                                                | WK | 6' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 371.72       |  |            |
| 01 22 23 00-0513                                                | MO | 6' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,115.17     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -44.61       |  |            |
| 01 22 23 00-0514                                                | WK | 8' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 454.33       |  |            |
| 01 22 23 00-0515                                                | MO | 8' x 10' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,354.72     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -54.19       |  |            |
| 01 22 23 00-0516                                                | WK | 4' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 371.72       |  |            |
| 01 22 23 00-0517                                                | MO | 4' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,115.17     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -44.61       |  |            |
| 01 22 23 00-0518                                                | WK | 6' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 454.33       |  |            |
| 01 22 23 00-0519                                                | MO | 6' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,362.98     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -54.52       |  |            |
| 01 22 23 00-0520                                                | WK | 8' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 578.24       |  |            |
| 01 22 23 00-0521                                                | MO | 8' x 12' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,734.70     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -69.39       |  |            |
| 01 22 23 00-0522                                                | WK | 4' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 413.02       |  |            |
| 01 22 23 00-0523                                                | MO | 4' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,239.08     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -49.56       |  |            |
| 01 22 23 00-0524                                                | WK | 6' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 536.93       |  |            |
| 01 22 23 00-0525                                                | MO | 6' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,610.80     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -64.43       |  |            |
| 01 22 23 00-0526                                                | WK | 8' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 660.84       |  |            |
| 01 22 23 00-0527                                                | MO | 8' x 14' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,982.52     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -79.30       |  |            |
| 01 22 23 00-0528                                                | WK | 4' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 454.33       |  |            |
| 01 22 23 00-0529                                                | MO | 4' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,362.98     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -54.52       |  |            |
| 01 22 23 00-0530                                                | WK | 6' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 619.54       |  |            |
| 01 22 23 00-0531                                                | MO | 6' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,858.61     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -74.34       |  |            |
| 01 22 23 00-0532                                                | WK | 8' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 743.44       |  |            |
| 01 22 23 00-0533                                                | MO | 8' x 16' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 2,230.34     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -89.21       |  |            |
| 01 22 23 00-0534                                                | WK | 4' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 536.93       |  |            |
| 01 22 23 00-0535                                                | MO | 4' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 1,610.80     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -64.43       |  |            |
| 01 22 23 00-0536                                                | WK | 6' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 743.44       |  |            |
| 01 22 23 00-0537                                                | MO | 6' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 2,230.34     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -89.21       |  |            |
| 01 22 23 00-0538                                                | WK | 8' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 867.35       |  |            |
| 01 22 23 00-0539                                                | MO | 8' x 20' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 2,602.06     |  |            |
|                                                                 |    | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                | -104.08      |  |            |
| 01 22 23 00-0540                                                | WK | 4' x 24' Trench Box With Up To 48" Spreaders.....                                                                                                                                                                 | 743.44       |  |            |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|----------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0541        | MO  | 4' x 24' Trench Box With Up To 48" Spreaders.....                          | 2,230.34                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -89.27                    |                         |
| 01 22 23 00-0542        | WK  | 6' x 24' Trench Box With Up To 48" Spreaders.....                          | 908.66                    |                         |
| 01 22 23 00-0543        | MO  | 6' x 24' Trench Box With Up To 48" Spreaders.....                          | 2,725.96                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -109.04                   |                         |
| 01 22 23 00-0544        | WK  | 8' x 24' Trench Box With Up To 48" Spreaders.....                          | 991.26                    |                         |
| 01 22 23 00-0545        | MO  | 8' x 24' Trench Box With Up To 48" Spreaders.....                          | 2,973.78                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -118.95                   |                         |
| 01 22 23 00-0546        | WK  | For Spreaders >48" To 84", Add.....                                        | 24.78                     |                         |
| 01 22 23 00-0547        | MO  | For Spreaders >48" To 84", Add.....                                        | 74.34                     |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -2.97                     |                         |
| 01 22 23 00-0548        | WK  | For Spreaders >84" To 120", Add.....                                       | 148.69                    |                         |
| 01 22 23 00-0549        | MO  | For Spreaders >84" To 120", Add.....                                       | 446.07                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -17.84                    |                         |
| 01 22 23 00-0550        | WK  | For Spreaders >120", Add.....                                              | 313.90                    |                         |
| 01 22 23 00-0551        | MO  | For Spreaders >120", Add.....                                              | 941.70                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -37.67                    |                         |
| 01 22 23 00-0552        | WK  | 8' x 4' Manhole Box.....                                                   | 390.31                    |                         |
| 01 22 23 00-0553        | MO  | 8' x 4' Manhole Box.....                                                   | 1,170.93                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -46.84                    |                         |
| 01 22 23 00-0554        | WK  | 8' x 8' Manhole Box.....                                                   | 557.58                    |                         |
| 01 22 23 00-0555        | MO  | 8' x 8' Manhole Box.....                                                   | 1,672.75                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -66.91                    |                         |
| <b>01 22 23 00-0556</b> |     | <b>Trenchers (01 22 23 00-0278)</b>                                        |                           |                         |
|                         |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal. |                           |                         |
| 01 22 23 00-0557        | DAY | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 1,368.84                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -967.21                   |                         |
| 01 22 23 00-0558        | WK  | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 6,204.11                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -4,836.05                 |                         |
| 01 22 23 00-0559        | MO  | 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 24,721.53                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -150.61                   |                         |
| 01 22 23 00-0560        | DAY | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 2,046.60                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -967.21                   |                         |
| 01 22 23 00-0561        | WK  | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 8,488.39                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -4,836.05                 |                         |
| 01 22 23 00-0562        | MO  | 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator .....    | 30,997.03                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                              | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -401.63                   |                         |
| <b>01 22 23 00-0563</b> |     | <b>Truck Mounted Vacuum Excavator (01 22 23 00-0278)</b>                   |                           |                         |
|                         |     | Note: Includes driver, delivery, and removal.                              |                           |                         |
| 01 22 23 00-0564        | DAY | Truck Mounted Vacuum Excavator With Full-time Operator .....               | 8,200.12                  |                         |
| <b>01 22 23 00-0565</b> |     | <b>Tractors (01 22 23 00-0278)</b>                                         |                           |                         |
|                         |     | Note: Excludes operator, delivery, set-up, and removal.                    |                           |                         |
| 01 22 23 00-0566        | DAY | 20 To 29 HP Tractor .....                                                  | 569.31                    |                         |
| 01 22 23 00-0567        | WK  | 20 To 29 HP Tractor .....                                                  | 1,370.57                  |                         |
| 01 22 23 00-0568        | MO  | 20 To 29 HP Tractor .....                                                  | 3,700.54                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -148.02                   |                         |
| 01 22 23 00-0569        | DAY | 30 To 35 HP Tractor .....                                                  | 589.90                    |                         |
| 01 22 23 00-0570        | WK  | 30 To 35 HP Tractor .....                                                  | 1,518.67                  |                         |
| 01 22 23 00-0571        | MO  | 30 To 35 HP Tractor .....                                                  | 4,204.58                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -168.18                   |                         |
| 01 22 23 00-0572        | DAY | 40 To 45 HP Tractor .....                                                  | 602.45                    |                         |
| 01 22 23 00-0573        | WK  | 40 To 45 HP Tractor .....                                                  | 1,619.08                  |                         |
| 01 22 23 00-0574        | MO  | 40 To 45 HP Tractor .....                                                  | 4,443.05                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -177.72                   |                         |
| 01 22 23 00-0575        | DAY | 80 To 89 HP Tractor .....                                                  | 775.65                    |                         |
| 01 22 23 00-0576        | WK  | 80 To 89 HP Tractor .....                                                  | 2,199.69                  |                         |
| 01 22 23 00-0577        | MO  | 80 To 89 HP Tractor .....                                                  | 6,298.34                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -251.93                   |                         |
| 01 22 23 00-0578        | DAY | 60" Rotary Mower Attachment For Tractors.....                              | 243.49                    |                         |
| 01 22 23 00-0579        | WK  | 60" Rotary Mower Attachment For Tractors.....                              | 753.06                    |                         |
| 01 22 23 00-0580        | DAY | 84" Rotary Mower Attachment For Tractors.....                              | 266.08                    |                         |
| 01 22 23 00-0581        | WK  | 84" Rotary Mower Attachment For Tractors.....                              | 815.82                    |                         |
| 01 22 23 00-0582        | DAY | Under Deck Rotary Mower Attachment For Tractors .....                      | 40.18                     |                         |
| 01 22 23 00-0583        | WK  | Under Deck Rotary Mower Attachment For Tractors .....                      | 160.73                    |                         |
| <b>01 22 23 00-0584</b> |     | <b>Portable Sediment Tank (01 22 23 00-0278)</b>                           |                           |                         |
|                         |     | Note: Includes delivery to job site and pick-up when complete.             |                           |                         |
| 01 22 23 00-0585        | WK  | Portable Sediment Tank .....                                               | 200.92                    |                         |
| 01 22 23 00-0586        | MO  | Portable Sediment Tank .....                                               | 589.36                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                            | -23.57                    |                         |



|                              |  |       |
|------------------------------|--|-------|
| General Requirements         |  | 01    |
| Price and Payment Procedures |  | 01 20 |
| Unit Prices                  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0587             | Heavy Equipment (Ground Protection) Mats (01 22 23 00-0278)<br>Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0278 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization. |                           |                         |
| 01 22 23 00-0588             | DAY 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                      | 23.68                     |                         |
| 01 22 23 00-0589             | WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                       | 56.37                     |                         |
| 01 22 23 00-0590             | MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                       | 118.38                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.74                     |                         |
| 01 22 23 00-0591             | DAY 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                      | 24.86                     |                         |
| 01 22 23 00-0592             | WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                       | 59.19                     |                         |
| 01 22 23 00-0593             | MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....                                                                                                                                                                                                                                                                                       | 124.30                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.97                     |                         |
| 01 22 23 00-0594             | Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                  | 20.12                     |                         |
| 01 22 23 00-0595             | WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 47.35                     |                         |
| 01 22 23 00-0596             | MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 100.62                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.02                     |                         |
| 01 22 23 00-0597             | Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                  | 22.49                     |                         |
| 01 22 23 00-0598             | WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 53.27                     |                         |
| 01 22 23 00-0599             | MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 112.46                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.50                     |                         |
| 01 22 23 00-0600             | Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                  | 24.86                     |                         |
| 01 22 23 00-0601             | WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 59.19                     |                         |
| 01 22 23 00-0602             | MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 124.30                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.97                     |                         |
| 01 22 23 00-0603             | Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                  | 27.23                     |                         |
| 01 22 23 00-0604             | WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 64.83                     |                         |
| 01 22 23 00-0605             | MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....                                                                                                                                                                                                                                                                                   | 136.14                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -5.45                     |                         |
| 01 22 23 00-0606             | Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 21.31                     |                         |
| 01 22 23 00-0607             | WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 59.19                     |                         |
| 01 22 23 00-0608             | MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 106.54                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.26                     |                         |
| 01 22 23 00-0609             | Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 24.86                     |                         |
| 01 22 23 00-0610             | WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 59.19                     |                         |
| 01 22 23 00-0611             | MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 124.30                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.97                     |                         |
| 01 22 23 00-0612             | Day 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 29.60                     |                         |
| 01 22 23 00-0613             | WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 65.11                     |                         |
| 01 22 23 00-0614             | MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 147.98                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -5.92                     |                         |
| 01 22 23 00-0615             | Day 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 31.96                     |                         |
| 01 22 23 00-0616             | WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 76.10                     |                         |
| 01 22 23 00-0617             | MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 159.81                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -6.39                     |                         |
| 01 22 23 00-0618             | Day 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 34.33                     |                         |
| 01 22 23 00-0619             | WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 81.74                     |                         |
| 01 22 23 00-0620             | MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 171.65                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -6.87                     |                         |
| 01 22 23 00-0621             | Day 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                              | 35.51                     |                         |
| 01 22 23 00-0622             | WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 84.56                     |                         |
| 01 22 23 00-0623             | MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....                                                                                                                                                                                                                                                                                               | 177.57                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -7.10                     |                         |
| 01 22 23 00-0624             | Day 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 11.39                     |                         |
| 01 22 23 00-0625             | WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 28.47                     |                         |
| 01 22 23 00-0626             | MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 85.41                     |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -3.42                     |                         |
| 01 22 23 00-0627             | Day 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 13.61                     |                         |
| 01 22 23 00-0628             | WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 34.03                     |                         |
| 01 22 23 00-0629             | MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 102.10                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.08                     |                         |
| 01 22 23 00-0630             | Day 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 15.55                     |                         |
| 01 22 23 00-0631             | WK 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 38.87                     |                         |
| 01 22 23 00-0632             | MO 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 116.60                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.66                     |                         |
| 01 22 23 00-0633             | Day 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 16.57                     |                         |
| 01 22 23 00-0634             | WK 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 41.43                     |                         |
| 01 22 23 00-0635             | MO 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 124.30                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -4.97                     |                         |
| 01 22 23 00-0636             | Day 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 18.94                     |                         |
| 01 22 23 00-0637             | WK 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 47.35                     |                         |
| 01 22 23 00-0638             | MO 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 142.06                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -5.68                     |                         |
| 01 22 23 00-0639             | Day 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 21.77                     |                         |
| 01 22 23 00-0640             | WK 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 54.42                     |                         |
| 01 22 23 00-0641             | MO 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 163.25                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -6.53                     |                         |
| 01 22 23 00-0642             | Day 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                   | 16.75                     |                         |
| 01 22 23 00-0643             | WK 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                    | 41.87                     |                         |
| 01 22 23 00-0644             | MO 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                    | 125.60                    |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                                                                 | -5.02                     |                         |
| 01 22 23 00-0645             | Day 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                               | 22.67                     |                         |
| 01 22 23 00-0646             | WK 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                                                                                                                                                                                | 56.68                     |                         |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0647 | MO  | 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 170.05                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -6.80                     |                         |
| 01 22 23 00-0648 | Day | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 19.60                     |                         |
| 01 22 23 00-0649 | WK  | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 49.01                     |                         |
| 01 22 23 00-0650 | MO  | 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 147.03                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -5.88                     |                         |
| 01 22 23 00-0651 | Day | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 32.70                     |                         |
| 01 22 23 00-0652 | WK  | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 81.74                     |                         |
| 01 22 23 00-0653 | MO  | 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                             | 245.21                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -9.81                     |                         |
| 01 22 23 00-0654 | Day | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                 | 34.85                     |                         |
| 01 22 23 00-0655 | WK  | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                 | 87.13                     |                         |
| 01 22 23 00-0656 | MO  | 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....                                                                                                                 | 261.38                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -10.46                    |                         |
| 01 22 23 00-0657 |     | <b>Electrical Equipment</b> (01 22 23)                                                                                                                                                       |                           |                         |
| 01 22 23 00-0658 |     | <b>Tripod Mounted Floodlights</b> (01 22 23 00-0657)                                                                                                                                         |                           |                         |
|                  |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                                               |                           |                         |
| 01 22 23 00-0659 | DAY | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                            | 72.48                     |                         |
| 01 22 23 00-0660 | WK  | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                            | 171.48                    |                         |
| 01 22 23 00-0661 | MO  | 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                            | 362.40                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -14.50                    |                         |
| 01 22 23 00-0662 | DAY | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 72.48                     |                         |
| 01 22 23 00-0663 | WK  | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 212.14                    |                         |
| 01 22 23 00-0664 | MO  | 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 627.57                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -25.10                    |                         |
| 01 22 23 00-0665 | DAY | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 81.32                     |                         |
| 01 22 23 00-0666 | WK  | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 220.98                    |                         |
| 01 22 23 00-0667 | MO  | 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....                                                                                                                          | 539.18                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -21.57                    |                         |
| 01 22 23 00-0668 |     | <b>Trailer Mounted Floodlights</b> (01 22 23 00-0657)                                                                                                                                        |                           |                         |
|                  |     | Note: Includes delivery to job site and pick-up when complete. Excludes operator.                                                                                                            |                           |                         |
| 01 22 23 00-0669 | DAY | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....                                                                                             | 203.30                    |                         |
| 01 22 23 00-0670 | WK  | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....                                                                                             | 450.79                    |                         |
| 01 22 23 00-0671 | MO  | 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....                                                                                             | 972.29                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -38.89                    |                         |
| 01 22 23 00-0672 |     | <b>Generator Sets</b> (01 22 23 00-0657)                                                                                                                                                     |                           |                         |
| 01 22 23 00-0673 |     | <b>Portable, Gas Powered Generator Sets</b> (01 22 23 00-0672)                                                                                                                               |                           |                         |
|                  |     | Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees. |                           |                         |
| 01 22 23 00-0674 | DAY | 3.6 KW, 8 HP Gas Powered Generator Set.....                                                                                                                                                  | 58.31                     |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.54 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 7.29                      |                         |
|                  |     | <i>For &gt;160 To 320 Hours Usage Per Month, Add</i>                                                                                                                                         | 29.16                     |                         |
| 01 22 23 00-0675 | WK  | 3.6 KW, 8 HP Gas Powered Generator Set.....                                                                                                                                                  | 210.18                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.54 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 26.27                     |                         |
| 01 22 23 00-0676 | MO  | 3.6 KW, 8 HP Gas Powered Generator Set.....                                                                                                                                                  | 583.08                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.54 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 72.89                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -23.32                    |                         |
| 01 22 23 00-0677 | DAY | 5 KW, 11 HP Gas Powered Generator Set.....                                                                                                                                                   | 82.72                     |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.75 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 10.34                     |                         |
| 01 22 23 00-0678 | WK  | 5 KW, 11 HP Gas Powered Generator Set.....                                                                                                                                                   | 264.42                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.75 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 33.05                     |                         |
| 01 22 23 00-0679 | MO  | 5 KW, 11 HP Gas Powered Generator Set.....                                                                                                                                                   | 603.42                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.75 gallons per hour                                                                                                                                    |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 75.43                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -24.14                    |                         |
| 01 22 23 00-0680 | DAY | 6.5 KW, 13 HP Gas Powered Generator Set.....                                                                                                                                                 | 105.77                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.975 gallons per hour                                                                                                                                   |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 13.22                     |                         |
| 01 22 23 00-0681 | WK  | 6.5 KW, 13 HP Gas Powered Generator Set.....                                                                                                                                                 | 284.76                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.975 gallons per hour                                                                                                                                   |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 35.60                     |                         |
| 01 22 23 00-0682 | MO  | 6.5 KW, 13 HP Gas Powered Generator Set.....                                                                                                                                                 | 786.48                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 0.975 gallons per hour                                                                                                                                   |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 98.31                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                              | -31.46                    |                         |
| 01 22 23 00-0683 | DAY | 10 KW, 18 HP Gas Powered Generator Set.....                                                                                                                                                  | 117.97                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 1.5 gallons per hour                                                                                                                                     |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 14.75                     |                         |
| 01 22 23 00-0684 | WK  | 10 KW, 18 HP Gas Powered Generator Set.....                                                                                                                                                  | 318.66                    |                         |
|                  |     | Note: Fuel consumption: 100% load – 1.5 gallons per hour                                                                                                                                     |                           |                         |
|                  |     | <i>For LP Or NG Gas, Add</i>                                                                                                                                                                 | 39.83                     |                         |



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| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST                   | DEMOLITION<br>UNIT COST |
|------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|
| 01 22 23 00-0685             | MO  | 10 KW, 18 HP Gas Powered Generator Set<br>Note: Fuel consumption: 100% load – 1.5 gallons per hour<br>For LP Or NG Gas, Add<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                                                                                                        | 915.30<br>114.41<br>-36.61                  |                         |
| 01 22 23 00-0686             |     | <b>Towable, Diesel Powered Generator Sets</b> (01 22 23 00-0672)<br>Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees. |                                             |                         |
| 01 22 23 00-0687             | DAY | 20 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add<br>For >16 To 24 Hours Usage Per Day, Add                                                                                                                                                                                   | 242.72<br>121.36<br>242.72                  |                         |
| 01 22 23 00-0688             | WK  | 20 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add<br>For >80 Hours Usage Per Week, Add                                                                                                                                                                                      | 634.61<br>317.31<br>634.61                  |                         |
| 01 22 23 00-0689             | MO  | 20 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add<br>For >320 Hours Usage Per Month, Add<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                           | 1,728.90<br>864.45<br>1,728.90<br>-69.16    |                         |
| 01 22 23 00-0690             | DAY | 30 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add<br>For >16 To 24 Hours Usage Per Day, Add                                                                                                                                                                                   | 366.48<br>183.24<br>366.48                  |                         |
| 01 22 23 00-0691             | WK  | 30 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add<br>For >80 Hours Usage Per Week, Add                                                                                                                                                                                      | 1,087.62<br>543.81<br>1,087.62              |                         |
| 01 22 23 00-0692             | MO  | 30 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add<br>For >320 Hours Usage Per Month, Add<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                           | 2,246.18<br>1,123.09<br>2,246.18<br>-89.85  |                         |
| 01 22 23 00-0693             | DAY | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add<br>For >16 To 24 Hours Usage Per Day, Add                                                                                                                                                                                 | 401.95<br>200.98<br>401.95                  |                         |
| 01 22 23 00-0694             | WK  | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add<br>For >80 Hours Usage Per Week, Add                                                                                                                                                                                    | 1,123.09<br>561.55<br>1,123.09              |                         |
| 01 22 23 00-0695             | MO  | 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add<br>For >320 Hours Usage Per Month, Add<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                         | 2,482.62<br>1,241.31<br>2,482.62<br>-99.30  |                         |
| 01 22 23 00-0696             | DAY | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add<br>For >16 To 24 Hours Usage Per Day, Add                                                                                                                                                                                 | 431.50<br>215.75<br>431.50                  |                         |
| 01 22 23 00-0697             | WK  | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add<br>For >80 Hours Usage Per Week, Add                                                                                                                                                                                    | 1,182.20<br>591.10<br>1,182.20              |                         |
| 01 22 23 00-0698             | MO  | 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add<br>For >320 Hours Usage Per Month, Add<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                         | 2,837.28<br>1,418.64<br>2,837.28<br>-113.49 |                         |
| 01 22 23 00-0699             | DAY | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add<br>For >16 To 24 Hours Usage Per Day, Add                                                                                                                                                                                 | 472.88<br>236.44<br>472.88                  |                         |
| 01 22 23 00-0700             | WK  | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set<br>Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add<br>For >80 Hours Usage Per Week, Add                                                                                                                                                                                    | 1,341.80<br>670.90<br>1,341.80              |                         |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0701 | MO  |     | 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                  | 3,191.94                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.  |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 1,595.97                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 3,191.94                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -127.68                   |                         |
| 01 22 23 00-0702 | DAY |     | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                  | 531.99                    |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.  |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                        | 266.00                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                       | 531.99                    |                         |
| 01 22 23 00-0703 | WK  |     | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                  | 1,418.64                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.  |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                      | 709.32                    |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                            | 1,418.64                  |                         |
| 01 22 23 00-0704 | MO  |     | 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                  | 3,546.60                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.  |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 1,773.30                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 3,546.60                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -141.86                   |                         |
| 01 22 23 00-0705 | DAY |     | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 549.72                    |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.  |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                        | 274.86                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                       | 549.72                    |                         |
| 01 22 23 00-0706 | WK  |     | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 1,477.75                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.  |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                      | 738.88                    |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                            | 1,477.75                  |                         |
| 01 22 23 00-0707 | MO  |     | 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 4,019.48                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.  |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 2,009.74                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 4,019.48                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -160.78                   |                         |
| 01 22 23 00-0708 | DAY |     | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 620.66                    |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.  |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                        | 310.33                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                       | 620.66                    |                         |
| 01 22 23 00-0709 | WK  |     | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 1,714.19                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.  |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                      | 857.10                    |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                            | 1,714.19                  |                         |
| 01 22 23 00-0710 | MO  |     | 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 4,610.58                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.  |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 2,305.29                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 4,610.58                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -184.42                   |                         |
| 01 22 23 00-0711 | DAY |     | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 650.21                    |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                        | 325.11                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                       | 650.21                    |                         |
| 01 22 23 00-0712 | WK  |     | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 1,802.86                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                      | 901.43                    |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                            | 1,802.86                  |                         |
| 01 22 23 00-0713 | MO  |     | 140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 5,083.46                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 2,541.73                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 5,083.46                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -203.34                   |                         |
| 01 22 23 00-0714 | DAY |     | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 679.76                    |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                        | 339.88                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                       | 679.76                    |                         |
| 01 22 23 00-0715 | WK  |     | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 1,950.63                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                      | 975.32                    |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                            | 1,950.63                  |                         |
| 01 22 23 00-0716 | MO  |     | 150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                 | 5,319.90                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                   | 2,659.95                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                          | 5,319.90                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                           | -212.80                   |                         |



|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 01 22 23 00-0717 | DAY |     | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 709.32<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 354.66<br>For >16 To 24 Hours Usage Per Day, Add ..... 709.32                                                              |                        |                      |
| 01 22 23 00-0718 | WK  |     | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 2,068.85<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add ..... 1,034.43<br>For >80 Hours Usage Per Week, Add ..... 2,068.85                                                           |                        |                      |
| 01 22 23 00-0719 | MO  |     | 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 5,556.34<br>Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add ..... 2,778.17<br>For >320 Hours Usage Per Month, Add ..... 5,556.34<br>For >6 Months (>26 Weeks) , Deduct ..... -222.25  |                        |                      |
| 01 22 23 00-0720 | DAY |     | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 709.32<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 354.66<br>For >16 To 24 Hours Usage Per Day, Add ..... 709.32                                                              |                        |                      |
| 01 22 23 00-0721 | WK  |     | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 2,068.85<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add ..... 1,034.43<br>For >80 Hours Usage Per Week, Add ..... 2,068.85                                                           |                        |                      |
| 01 22 23 00-0722 | MO  |     | 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 5,556.34<br>Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add ..... 2,778.17<br>For >320 Hours Usage Per Month, Add ..... 5,556.34<br>For >6 Months (>26 Weeks) , Deduct ..... -222.25  |                        |                      |
| 01 22 23 00-0723 | DAY |     | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 975.32<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 487.66<br>For >16 To 24 Hours Usage Per Day, Add ..... 975.32                                                             |                        |                      |
| 01 22 23 00-0724 | WK  |     | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 2,423.51<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add ..... 1,211.76<br>For >80 Hours Usage Per Week, Add ..... 2,423.51                                                          |                        |                      |
| 01 22 23 00-0725 | MO  |     | 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 7,093.20<br>Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add ..... 3,546.60<br>For >320 Hours Usage Per Month, Add ..... 7,093.20<br>For >6 Months (>26 Weeks) , Deduct ..... -283.73 |                        |                      |
| 01 22 23 00-0726 | DAY |     | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 1,034.42<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 517.21<br>For >16 To 24 Hours Usage Per Day, Add ..... 1,034.42                                                         |                        |                      |
| 01 22 23 00-0727 | WK  |     | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 2,482.62<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add ..... 1,241.31<br>For >80 Hours Usage Per Week, Add ..... 2,482.62                                                          |                        |                      |
| 01 22 23 00-0728 | MO  |     | 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 7,329.64<br>Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add ..... 3,664.82<br>For >320 Hours Usage Per Month, Add ..... 7,329.64<br>For >6 Months (>26 Weeks) , Deduct ..... -293.19 |                        |                      |
| 01 22 23 00-0729 | DAY |     | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 1,093.54<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 546.77<br>For >16 To 24 Hours Usage Per Day, Add ..... 1,093.54                                                         |                        |                      |
| 01 22 23 00-0730 | WK  |     | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 2,541.73<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.<br>For >40 To 80 Hours Usage Per Week, Add ..... 1,270.87<br>For >80 Hours Usage Per Week, Add ..... 2,541.73                                                          |                        |                      |
| 01 22 23 00-0731 | MO  |     | 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 7,566.08<br>Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.<br>For >160 To 320 Hours Usage Per Month, Add ..... 3,783.04<br>For >320 Hours Usage Per Month, Add ..... 7,566.08<br>For >6 Months (>26 Weeks) , Deduct ..... -302.64 |                        |                      |
| 01 22 23 00-0732 | DAY |     | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set ..... 1,129.00<br>Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.<br>For >8 To 16 Hours Usage Per Day, Add ..... 564.50<br>For >16 To 24 Hours Usage Per Day, Add ..... 1,129.00                                                        |                        |                      |



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|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0733 | WK  |     | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 2,719.06                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 1,359.53                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 2,719.06                  |                         |
| 01 22 23 00-0734 | MO  |     | 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 8,038.96                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                     | 4,019.48                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                            | 8,038.96                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                             | -321.56                   |                         |
| 01 22 23 00-0735 | DAY |     | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 1,182.20                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                          | 591.10                    |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                         | 1,182.20                  |                         |
| 01 22 23 00-0736 | WK  |     | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 3,073.72                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 1,536.86                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 3,073.72                  |                         |
| 01 22 23 00-0737 | MO  |     | 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 8,866.50                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                     | 4,433.25                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                            | 8,866.50                  |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                             | -354.66                   |                         |
| 01 22 23 00-0738 | DAY |     | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 2,188.13                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                          | 1,094.07                  |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                         | 2,188.13                  |                         |
| 01 22 23 00-0739 | WK  |     | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 5,657.36                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 2,828.68                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 5,657.36                  |                         |
| 01 22 23 00-0740 | MO  |     | 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....                                                                   | 14,961.60                 |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                     | 7,480.80                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                            | 14,961.60                 |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                             | -598.46                   |                         |
| 01 22 23 00-0741 | DAY |     | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 2,805.30                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                          | 1,402.65                  |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                         | 2,805.30                  |                         |
| 01 22 23 00-0742 | WK  |     | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 7,293.78                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 3,646.89                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 7,293.78                  |                         |
| 01 22 23 00-0743 | MO  |     | 500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 16,831.80                 |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                     | 8,415.90                  |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                            | 16,831.80                 |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                             | -673.27                   |                         |
| 01 22 23 00-0744 | DAY |     | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 3,469.22                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                          | 1,734.61                  |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                         | 3,469.22                  |                         |
| 01 22 23 00-0745 | WK  |     | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 9,163.98                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 4,581.99                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 9,163.98                  |                         |
| 01 22 23 00-0746 | MO  |     | 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 22,442.40                 |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. |                           |                         |
|                  |     |     | For >160 To 320 Hours Usage Per Month, Add                                                                                     | 11,221.20                 |                         |
|                  |     |     | For >320 Hours Usage Per Month, Add                                                                                            | 22,442.40                 |                         |
|                  |     |     | For >6 Months (>26 Weeks) , Deduct                                                                                             | -897.70                   |                         |
| 01 22 23 00-0747 | DAY |     | 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 3,749.75                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. |                           |                         |
|                  |     |     | For >8 To 16 Hours Usage Per Day, Add                                                                                          | 1,874.88                  |                         |
|                  |     |     | For >16 To 24 Hours Usage Per Day, Add                                                                                         | 3,749.75                  |                         |
| 01 22 23 00-0748 | WK  |     | 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                 | 8,640.32                  |                         |
|                  |     |     | Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour. |                           |                         |
|                  |     |     | For >40 To 80 Hours Usage Per Week, Add                                                                                        | 4,320.16                  |                         |
|                  |     |     | For >80 Hours Usage Per Week, Add                                                                                              | 8,640.32                  |                         |



|                              |  |       |   |
|------------------------------|--|-------|---|
| General Requirements         |  | 01    | 5 |
| Price and Payment Procedures |  | 01 20 |   |
| Unit Prices                  |  | 01 22 |   |

| MINOR               |                                                                                                                                                                   | TOTAL DIRECT |  | DEMOLITION |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                                   | UNIT COST    |  | UNIT COST  |
| 01 22 23 00-0749    | MO 750.0 KW, 60 Hertz Container Diesel Powered Generator Set .....                                                                                                | 25,920.97    |  |            |
|                     | Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.                                    |              |  |            |
|                     | For >160 To 320 Hours Usage Per Month, Add                                                                                                                        | 12,960.49    |  |            |
|                     | For >320 Hours Usage Per Month, Add                                                                                                                               | 25,920.97    |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -1,036.84    |  |            |
| 01 22 23 00-0750    | DAY 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                              | 4,254.70     |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.   |              |  |            |
| 01 22 23 00-0751    | WK 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 11,118.34    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.   |              |  |            |
| 01 22 23 00-0752    | MO 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 30,456.21    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.   |              |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -1,218.25    |  |            |
| 01 22 23 00-0753    | DAY 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                              | 5,610.60     |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.  |              |  |            |
| 01 22 23 00-0754    | WK 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 16,831.80    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.  |              |  |            |
| 01 22 23 00-0755    | MO 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 48,260.51    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.  |              |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -1,930.42    |  |            |
| 01 22 23 00-0756    | DAY 2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                              | 7,396.64     |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour. |              |  |            |
| 01 22 23 00-0757    | WK 2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 18,496.28    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour. |              |  |            |
| 01 22 23 00-0758    | MO 2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....                                                                                               | 50,495.40    |  |            |
|                     | Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour. |              |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -2,019.82    |  |            |
| 01 22 23 00-0759    | EA Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....                                                                                          | 966.78       |  |            |
| 01 22 23 00-0760    | EA 350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up .....                                                                                        | 1,578.90     |  |            |
| 01 22 23 00-0761    | EA 1,000 To 2,000 KW Generator Set Delivery, Set-Up, Testing And Pick-up .....                                                                                    | 2,684.93     |  |            |
| 01 22 23 00-0762    | Generator Accessories (01 22 23 00-0762)                                                                                                                          |              |  |            |
|                     | Note: Includes delivery to job site and pick-up when complete.                                                                                                    |              |  |            |
| 01 22 23 00-0763    | Step Down Transformer (01 22 23 00-0763)                                                                                                                          |              |  |            |
| 01 22 23 00-0764    | WK 75 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                              | 348.75       |  |            |
| 01 22 23 00-0765    | MO 75 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                              | 975.32       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -39.01       |  |            |
| 01 22 23 00-0766    | WK 150 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 559.18       |  |            |
| 01 22 23 00-0767    | MO 150 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 1,676.36     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -67.05       |  |            |
| 01 22 23 00-0768    | WK 225 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 744.79       |  |            |
| 01 22 23 00-0769    | MO 225 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 2,234.36     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -89.37       |  |            |
| 01 22 23 00-0770    | WK 500 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 886.65       |  |            |
| 01 22 23 00-0771    | MO 500 KVA, 480-208 Volt, Step Down Transformer .....                                                                                                             | 2,659.95     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -106.40      |  |            |
| 01 22 23 00-0772    | WK 1,000 KVA, 4,160/480 Volt, Step Down Transformer.....                                                                                                          | 1,324.06     |  |            |
| 01 22 23 00-0773    | MO 1,000 KVA, 4,160/480 Volt, Step Down Transformer.....                                                                                                          | 3,954.46     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -158.18      |  |            |
| 01 22 23 00-0774    | WK 1,500 KVA, 4,160/480 Volt, Step Down Transformer.....                                                                                                          | 2,151.60     |  |            |
| 01 22 23 00-0775    | MO 1,500 KVA, 4,160/480 Volt, Step Down Transformer.....                                                                                                          | 6,448.90     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -257.96      |  |            |
| 01 22 23 00-0776    | WK 2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer .....                                                                                                  | 2,482.62     |  |            |
| 01 22 23 00-0777    | MO 2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer .....                                                                                                  | 7,447.86     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -297.91      |  |            |
| 01 22 23 00-0778    | Portable Panel (01 22 23 00-0762)                                                                                                                                 |              |  |            |
| 01 22 23 00-0779    | WK 100 Amperes, Portable Panel.....                                                                                                                               | 277.82       |  |            |
| 01 22 23 00-0780    | MO 100 Amperes, Portable Panel.....                                                                                                                               | 709.32       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -28.37       |  |            |
| 01 22 23 00-0781    | WK 200 Amperes, Portable Panel.....                                                                                                                               | 332.20       |  |            |
| 01 22 23 00-0782    | MO 200 Amperes, Portable Panel.....                                                                                                                               | 886.65       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -35.47       |  |            |
| 01 22 23 00-0783    | WK 400 Amperes, Portable Panel.....                                                                                                                               | 354.66       |  |            |
| 01 22 23 00-0784    | MO 400 Amperes, Portable Panel.....                                                                                                                               | 1,063.98     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -42.56       |  |            |
| 01 22 23 00-0785    | Portable Fusible Disconnect (01 22 23 00-0762)                                                                                                                    |              |  |            |
| 01 22 23 00-0786    | WK 100 - 200 Amperes, Portable Fusible Disconnect.....                                                                                                            | 124.13       |  |            |
| 01 22 23 00-0787    | MO 100 - 200 Amperes, Portable Fusible Disconnect.....                                                                                                            | 372.39       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                | -14.90       |  |            |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR                   | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0788        | WK  |     | 300 - 400 Amperes, Portable Fusible Disconnect.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 248.26                    |                         |
| 01 22 23 00-0789        | MO  |     | 300 - 400 Amperes, Portable Fusible Disconnect.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 744.79                    |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -29.79                    |                         |
| <b>01 22 23 00-0790</b> |     |     | <b>Portable Transfer Switch</b> (01 22 23 00-0762)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                           |                         |
| 01 22 23 00-0791        | WK  |     | 100 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 372.39                    |                         |
| 01 22 23 00-0792        | MO  |     | 100 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,117.18                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -44.69                    |                         |
| 01 22 23 00-0793        | WK  |     | 200 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 496.52                    |                         |
| 01 22 23 00-0794        | MO  |     | 200 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,489.57                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -59.58                    |                         |
| 01 22 23 00-0795        | WK  |     | 400 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 620.66                    |                         |
| 01 22 23 00-0796        | MO  |     | 400 Amperes, 480 Volt, Portable Transfer Switch.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1,861.96                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -74.48                    |                         |
| <b>01 22 23 00-0797</b> |     |     | <b>Cabling For Generator Sets</b> (01 22 23 00-0672)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                         |     |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 01 22 23 00-0798        | DAY |     | #1 Banded Cable, 50' With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 26.01                     |                         |
| 01 22 23 00-0799        | WK  |     | #1 Banded Cable, 50' With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 45.51                     |                         |
| 01 22 23 00-0800        | MO  |     | #1 Banded Cable, 50' With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 136.54                    |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -5.46                     |                         |
| 01 22 23 00-0801        | DAY |     | 50', 4/0 Cable With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13.00                     |                         |
| 01 22 23 00-0802        | WK  |     | 50', 4/0 Cable With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 37.83                     |                         |
| 01 22 23 00-0803        | MO  |     | 50', 4/0 Cable With Camlock Ends For Generator Set.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 105.22                    |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -4.21                     |                         |
| <b>01 22 23 00-0804</b> |     |     | <b>Resistive Load Banks For Generator Sets</b> (01 22 23 00-0672)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
|                         |     |     | Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| 01 22 23 00-0805        | DAY |     | 100 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 360.70                    |                         |
| 01 22 23 00-0806        | WK  |     | 100 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 686.03                    |                         |
| 01 22 23 00-0807        | MO  |     | 100 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,874.20                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -74.97                    |                         |
| 01 22 23 00-0808        | DAY |     | 650 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 770.05                    |                         |
| 01 22 23 00-0809        | WK  |     | 650 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2,059.31                  |                         |
| 01 22 23 00-0810        | MO  |     | 650 KW A/C Resistive Load Bank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5,250.37                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -210.01                   |                         |
| <b>01 22 23 00-0811</b> |     |     | <b>Sub-Distribution Panels (Spider Box) For Generator Sets</b> (01 22 23 00-0672)                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
|                         |     |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 01 22 23 00-0812        | DAY |     | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 63.84                     |                         |
| 01 22 23 00-0813        | WK  |     | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 165.51                    |                         |
| 01 22 23 00-0814        | MO  |     | 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 466.97                    |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -18.68                    |                         |
| <b>01 22 23 00-0815</b> |     |     | <b>Portable Distribution Panels For Generator Sets</b> (01 22 23 00-0672)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
|                         |     |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 01 22 23 00-0816        | DAY |     | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 141.86                    |                         |
| 01 22 23 00-0817        | WK  |     | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 384.22                    |                         |
| 01 22 23 00-0818        | MO  |     | 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,075.80                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -43.03                    |                         |
| 01 22 23 00-0819        | DAY |     | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 115.86                    |                         |
| 01 22 23 00-0820        | WK  |     | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 301.46                    |                         |
| 01 22 23 00-0821        | MO  |     | 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 857.10                    |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -34.28                    |                         |
| 01 22 23 00-0822        | DAY |     | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 147.78                    |                         |
| 01 22 23 00-0823        | WK  |     | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 372.39                    |                         |
| 01 22 23 00-0824        | MO  |     | 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,010.78                  |                         |
|                         |     |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40.43                    |                         |
| <b>01 22 23 00-0825</b> |     |     | <b>Fuel Reimbursement For Generators</b> (01 22 23 00-0672)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| 01 22 23 00-0826        | EA  |     | Fuel Reimbursement For Generators.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.00                      |                         |
|                         |     |     | Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase. |                           |                         |
| <b>01 22 23 00-0827</b> |     |     | <b>Welding Machines</b> (01 22 23 00-0657)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
|                         |     |     | Note: Includes delivery to job site and pick-up when complete. Excludes operator.                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| <b>01 22 23 00-0828</b> |     |     | <b>CC/CV Inverter Welder</b> (01 22 23 00-0827)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
|                         |     |     | Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 01 22 23 00-0829        | DAY |     | 250 Amperes, CC Inverter Welder.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 52.43                     |                         |
| 01 22 23 00-0830        | WK  |     | 250 Amperes, CC Inverter Welder.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 114.23                    |                         |



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|-------------------------------------|--|--------------|
| <b>General Requirements</b>         |  | <b>01</b>    |
| <b>Price and Payment Procedures</b> |  | <b>01 20</b> |
| <b>Unit Prices</b>                  |  | <b>01 22</b> |

| MINOR<br>CSI UOM DESCRIPTION                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0831 MO 250 Amperes, CC Inverter Welder.....<br>For >6 Months (>26 Weeks) , Deduct               | 346.43<br>-13.86          |                         |
| 01 22 23 00-0832 DAY 300 Amperes, CC/CV Inverter Welder.....                                                 | 59.92                     |                         |
| 01 22 23 00-0833 WK 300 Amperes, CC/CV Inverter Welder.....                                                  | 159.17                    |                         |
| 01 22 23 00-0834 MO 300 Amperes, CC/CV Inverter Welder.....<br>For >6 Months (>26 Weeks) , Deduct            | 421.34<br>-16.85          |                         |
| 01 22 23 00-0835 DAY 350 Amperes, CC/CV Inverter Welder.....                                                 | 61.80                     |                         |
| 01 22 23 00-0836 WK 350 Amperes, CC/CV Inverter Welder.....                                                  | 162.92                    |                         |
| 01 22 23 00-0837 MO 350 Amperes, CC/CV Inverter Welder.....<br>For >6 Months (>26 Weeks) , Deduct            | 458.79<br>-18.35          |                         |
| <b>01 22 23 00-0838 MIG Welder (01 22 23 00-0827)</b>                                                        |                           |                         |
| Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees. |                           |                         |
| 01 22 23 00-0839 DAY 115 Volt MIG Welder .....                                                               | 89.88                     |                         |
| 01 22 23 00-0840 WK 115 Volt MIG Welder .....                                                                | 234.08                    |                         |
| 01 22 23 00-0841 MO 115 Volt MIG Welder .....                                                                | 636.68                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -25.47                    |                         |
| <b>01 22 23 00-0842 Diesel Powered Towable Welding Machines (01 22 23 00-0827)</b>                           |                           |                         |
| Note: Includes delivery to job site and pick-up when complete. Excludes operator.                            |                           |                         |
| 01 22 23 00-0843 DAY 250 To 299 Amperes, Diesel Powered Towable Welding Machine .....                        | 168.53                    |                         |
| 01 22 23 00-0844 WK 250 To 299 Amperes, Diesel Powered Towable Welding Machine .....                         | 411.97                    |                         |
| 01 22 23 00-0845 MO 250 To 299 Amperes, Diesel Powered Towable Welding Machine .....                         | 983.12                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -39.32                    |                         |
| 01 22 23 00-0846 DAY 300 To 349 Amperes, Diesel Powered Towable Welding Machine .....                        | 224.71                    |                         |
| 01 22 23 00-0847 WK 300 To 349 Amperes, Diesel Powered Towable Welding Machine .....                         | 440.06                    |                         |
| 01 22 23 00-0848 MO 300 To 349 Amperes, Diesel Powered Towable Welding Machine .....                         | 1,028.06                  |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -41.12                    |                         |
| 01 22 23 00-0849 DAY 350 To 399 Amperes, Diesel Powered Towable Welding Machine .....                        | 234.08                    |                         |
| 01 22 23 00-0850 WK 350 To 399 Amperes, Diesel Powered Towable Welding Machine .....                         | 468.15                    |                         |
| 01 22 23 00-0851 MO 350 To 399 Amperes, Diesel Powered Towable Welding Machine .....                         | 1,142.29                  |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -45.69                    |                         |
| <b>01 22 23 00-0852 General Equipment (01 22 23)</b>                                                         |                           |                         |
| <b>01 22 23 00-0853 Torch Burning (01 22 23 00-0852)</b>                                                     |                           |                         |
| Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.                   |                           |                         |
| 01 22 23 00-0854 DAY Torch Burning Package With Full Time Operator .....                                     | 913.70                    |                         |
| Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.                                  |                           |                         |
| For Equipment Without Operator, Deduct                                                                       |                           | -866.88                 |
| 01 22 23 00-0855 WK Torch Burning Package With Full Time Operator .....                                      | 4,474.85                  |                         |
| Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.                                  |                           |                         |
| For Equipment Without Operator, Deduct                                                                       |                           | -4,334.41               |
| 01 22 23 00-0856 MO Torch Burning Package With Full Time Operator .....                                      | 19,203.76                 |                         |
| Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.                                  |                           |                         |
| For Equipment Without Operator, Deduct                                                                       |                           | -18,782.42              |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -16.85                    |                         |
| <b>01 22 23 00-0857 Jacks And Bracing (01 22 23 00-0852)</b>                                                 |                           |                         |
| Note: Includes delivery to job site and pick-up when complete.                                               |                           |                         |
| <b>01 22 23 00-0858 Manual Hydraulic Jacks (01 22 23 00-0857)</b>                                            |                           |                         |
| 01 22 23 00-0859 DAY 12 Ton Manual Hydraulic Bottle Jack .....                                               | 1.83                      |                         |
| 01 22 23 00-0860 WK 12 Ton Manual Hydraulic Bottle Jack .....                                                | 8.72                      |                         |
| 01 22 23 00-0861 MO 12 Ton Manual Hydraulic Bottle Jack .....                                                | 31.36                     |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -1.25                     |                         |
| 01 22 23 00-0862 DAY 20 Ton Manual Hydraulic Bottle Jack .....                                               | 3.21                      |                         |
| 01 22 23 00-0863 WK 20 Ton Manual Hydraulic Bottle Jack .....                                                | 10.10                     |                         |
| 01 22 23 00-0864 MO 20 Ton Manual Hydraulic Bottle Jack .....                                                | 38.25                     |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -1.53                     |                         |
| 01 22 23 00-0865 DAY 50 Ton Manual Hydraulic Bottle Jack .....                                               | 11.48                     |                         |
| 01 22 23 00-0866 WK 50 Ton Manual Hydraulic Bottle Jack .....                                                | 44.56                     |                         |
| 01 22 23 00-0867 MO 50 Ton Manual Hydraulic Bottle Jack .....                                                | 160.32                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -6.41                     |                         |
| 01 22 23 00-0868 DAY 100 Ton Manual Hydraulic Bottle Jack .....                                              | 16.08                     |                         |
| 01 22 23 00-0869 WK 100 Ton Manual Hydraulic Bottle Jack .....                                               | 64.31                     |                         |
| 01 22 23 00-0870 MO 100 Ton Manual Hydraulic Bottle Jack .....                                               | 231.64                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -9.27                     |                         |
| <b>01 22 23 00-0871 Manual Screw Jacks (01 22 23 00-0857)</b>                                                |                           |                         |
| 01 22 23 00-0872 DAY 10 To 20 Ton Manual Screw Jack .....                                                    | 17.75                     |                         |
| 01 22 23 00-0873 WK 10 To 20 Ton Manual Screw Jack .....                                                     | 46.99                     |                         |
| 01 22 23 00-0874 MO 10 To 20 Ton Manual Screw Jack .....                                                     | 140.97                    |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                           | -5.64                     |                         |
| <b>01 22 23 00-0875 Pressure Washers (01 22 23 00-0852)</b>                                                  |                           |                         |
| Note: Includes delivery to job site, pick-up when complete and full time operator.                           |                           |                         |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-0876 | DAY | 2,000 PSI Pressure Washer With Full-Time Operator .....                                    | 881.27                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0877 | WK  | 2,000 PSI Pressure Washer With Full-Time Operator .....                                    | 4,139.35                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0878 | MO  | 2,000 PSI Pressure Washer With Full-Time Operator .....                                    | 17,444.95                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -28.03                    |                         |
| 01 22 23 00-0879 | DAY | 2,500 PSI Pressure Washer With Full-Time Operator .....                                    | 881.27                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0880 | WK  | 2,500 PSI Pressure Washer With Full-Time Operator .....                                    | 4,139.35                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0881 | MO  | 2,500 PSI Pressure Washer With Full-Time Operator .....                                    | 17,444.95                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -28.03                    |                         |
| 01 22 23 00-0882 | DAY | 3,000 PSI Pressure Washer With Full-Time Operator .....                                    | 881.27                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0883 | WK  | 3,000 PSI Pressure Washer With Full-Time Operator .....                                    | 4,139.35                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0884 | MO  | 3,000 PSI Pressure Washer With Full-Time Operator .....                                    | 17,444.95                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -28.03                    |                         |
| 01 22 23 00-0885 | DAY | 3,500 PSI Pressure Washer With Full-Time Operator .....                                    | 889.61                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0886 | WK  | 3,500 PSI Pressure Washer With Full-Time Operator .....                                    | 4,164.38                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0887 | MO  | 3,500 PSI Pressure Washer With Full-Time Operator .....                                    | 17,511.70                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -30.70                    |                         |
| 01 22 23 00-0888 | DAY | 4,000 PSI Pressure Washer With Full-Time Operator .....                                    | 922.98                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0889 | WK  | 4,000 PSI Pressure Washer With Full-Time Operator .....                                    | 4,272.84                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0890 | MO  | 4,000 PSI Pressure Washer With Full-Time Operator .....                                    | 17,887.13                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -45.72                    |                         |
| 01 22 23 00-0891 | DAY | 5,000 PSI Pressure Washer With Full-Time Operator .....                                    | 939.67                    |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -772.81                   |                         |
| 01 22 23 00-0892 | WK  | 5,000 PSI Pressure Washer With Full-Time Operator .....                                    | 4,314.55                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -3,864.03                 |                         |
| 01 22 23 00-0893 | MO  | 5,000 PSI Pressure Washer With Full-Time Operator .....                                    | 18,012.28                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -16,744.14                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -50.73                    |                         |
| 01 22 23 00-0894 |     | <b>Confined Space Entry Equipment</b> <small>(01 22 23 00-0852)</small>                    |                           |                         |
|                  |     | Note: Includes delivery to job site, set-up, and pick-up when complete.                    |                           |                         |
| 01 22 23 00-0895 | DAY | Ventilation Equipment For Confined Space .....                                             | 51.10                     |                         |
|                  |     | Note: Includes electric or gas blower and ventilation duct up to 25'.                      |                           |                         |
| 01 22 23 00-0896 | WK  | Ventilation Equipment For Confined Space .....                                             | 153.30                    |                         |
|                  |     | Note: Includes electric or gas blower and ventilation duct up to 25'.                      |                           |                         |
| 01 22 23 00-0897 | MO  | Ventilation Equipment For Confined Space .....                                             | 457.48                    |                         |
|                  |     | Note: Includes electric or gas blower and ventilation duct up to 25'.                      |                           |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -18.30                    |                         |
| 01 22 23 00-0898 | DAY | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly .....     | 64.20                     |                         |
| 01 22 23 00-0899 | WK  | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly .....     | 192.60                    |                         |
| 01 22 23 00-0900 | MO  | Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly .....     | 577.80                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -23.11                    |                         |
| 01 22 23 00-0901 | DAY | Confined Space Air Monitor Personnel .....                                                 | 967.21                    |                         |
|                  |     | Note: Per person day.                                                                      |                           |                         |
| 01 22 23 00-0902 | WK  | 15' Long Ventilation Hose For Confined Space .....                                         | 43.08                     |                         |
| 01 22 23 00-0903 | MO  | 15' Long Ventilation Hose For Confined Space .....                                         | 143.60                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -5.74                     |                         |
| 01 22 23 00-0904 |     | <b>High Volume Vacuums</b> <small>(01 22 23 00-0852)</small>                               |                           |                         |
|                  |     | Note: Includes delivery to job site, set-up, pick-up when complete and full time operator. |                           |                         |
| 01 22 23 00-0905 | DAY | 500 Gallon High Volume Vacuum With Full-Time Operator .....                                | 1,537.06                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -967.21                   |                         |
| 01 22 23 00-0906 | WK  | 500 Gallon High Volume Vacuum With Full-Time Operator .....                                | 6,431.63                  |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -4,836.05                 |                         |
| 01 22 23 00-0907 | MO  | 500 Gallon High Volume Vacuum With Full-Time Operator .....                                | 26,426.79                 |                         |
|                  |     | <i>For Equipment Without Operator, Deduct</i> .....                                        | -20,956.23                |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -218.82                   |                         |
| 01 22 23 00-0908 |     | <b>Portable Floor Drying Fans</b> <small>(01 22 23 00-0852)</small>                        |                           |                         |
|                  |     | Note: Includes delivery to job site and pick-up when complete. Excludes operator.          |                           |                         |
| 01 22 23 00-0909 | DAY | 2,250 CFM Portable Floor Drying Fan .....                                                  | 22.37                     |                         |
| 01 22 23 00-0910 | WK  | 2,250 CFM Portable Floor Drying Fan .....                                                  | 103.44                    |                         |
| 01 22 23 00-0911 | MO  | 2,250 CFM Portable Floor Drying Fan .....                                                  | 342.49                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                      | -13.70                    |                         |



|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR                                                                                      |                                                                              | TOTAL DIRECT |          | DEMOLITION |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------|----------|------------|
| CSI UOM DESCRIPTION                                                                        |                                                                              | UNIT COST    |          | UNIT COST  |
| 01 22 23 00-0912 Portable Dehumidifiers (01 22 23 00-0852)                                 |                                                                              |              |          |            |
| Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator. |                                                                              |              |          |            |
| 01 22 23 00-0913                                                                           | DAY 7.5 To 10 Gallons Per Day, Portable Dehumidifier .....                   |              | 196.02   |            |
| 01 22 23 00-0914                                                                           | WK 7.5 To 10 Gallons Per Day, Portable Dehumidifier .....                    |              | 641.52   |            |
| 01 22 23 00-0915                                                                           | MO 7.5 To 10 Gallons Per Day, Portable Dehumidifier .....                    |              | 1,817.64 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -72.71   |            |
| 01 22 23 00-0916                                                                           | DAY 16 To 25 Gallons Per Day, Portable Dehumidifier .....                    |              | 288.68   |            |
| 01 22 23 00-0917                                                                           | WK 16 To 25 Gallons Per Day, Portable Dehumidifier .....                     |              | 926.64   |            |
| 01 22 23 00-0918                                                                           | MO 16 To 25 Gallons Per Day, Portable Dehumidifier .....                     |              | 2,583.90 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -103.36  |            |
| 01 22 23 00-0919 Portable Fume Extractors (01 22 23 00-0852)                               |                                                                              |              |          |            |
| Note: Includes delivery to job site and pick-up when complete. Excludes operator.          |                                                                              |              |          |            |
| 01 22 23 00-0920                                                                           | DAY Portable Fume Extractor .....                                            |              | 32.85    |            |
| 01 22 23 00-0921                                                                           | WK Portable Fume Extractor .....                                             |              | 98.55    |            |
| 01 22 23 00-0922 Direct Fired Space Heaters (01 22 23 00-0852)                             |                                                                              |              |          |            |
| Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator. |                                                                              |              |          |            |
| 01 22 23 00-0923                                                                           | DAY 150,000 BTU/Hour Space Heater .....                                      |              | 76.30    |            |
| 01 22 23 00-0924                                                                           | WK 150,000 BTU/Hour Space Heater .....                                       |              | 219.37   |            |
| 01 22 23 00-0925                                                                           | MO 150,000 BTU/Hour Space Heater .....                                       |              | 619.97   |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -24.80   |            |
| 01 22 23 00-0926                                                                           | DAY 500,000 BTU/Hour Space Heater .....                                      |              | 162.15   |            |
| 01 22 23 00-0927                                                                           | WK 500,000 BTU/Hour Space Heater .....                                       |              | 400.60   |            |
| 01 22 23 00-0928                                                                           | MO 500,000 BTU/Hour Space Heater .....                                       |              | 1,012.94 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -40.52   |            |
| 01 22 23 00-0929 Mowers (01 22 23 00-0852)                                                 |                                                                              |              |          |            |
| Note: Includes delivery to job site and pick-up when complete. Excludes operator.          |                                                                              |              |          |            |
| 01 22 23 00-0930                                                                           | DAY 21" Walk Behind Lawn Mower .....                                         |              | 93.91    |            |
| 01 22 23 00-0931                                                                           | WK 21" Walk Behind Lawn Mower .....                                          |              | 270.00   |            |
| 01 22 23 00-0932                                                                           | MO 21" Walk Behind Lawn Mower .....                                          |              | 551.73   |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -22.07   |            |
| 01 22 23 00-0933                                                                           | DAY 32" Walk Behind Lawn Mower .....                                         |              | 117.39   |            |
| 01 22 23 00-0934                                                                           | WK 32" Walk Behind Lawn Mower .....                                          |              | 281.74   |            |
| 01 22 23 00-0935                                                                           | MO 32" Walk Behind Lawn Mower .....                                          |              | 586.95   |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -23.48   |            |
| 01 22 23 00-0936                                                                           | DAY 36" To 48" Walk Behind Deck Mower .....                                  |              | 211.30   |            |
| 01 22 23 00-0937                                                                           | WK 36" To 48" Walk Behind Deck Mower .....                                   |              | 586.95   |            |
| 01 22 23 00-0938                                                                           | MO 36" To 48" Walk Behind Deck Mower .....                                   |              | 1,702.16 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -68.09   |            |
| 01 22 23 00-0939                                                                           | DAY 61" To 72" Walk Behind Deck Mower .....                                  |              | 211.30   |            |
| 01 22 23 00-0940                                                                           | WK 61" To 72" Walk Behind Deck Mower .....                                   |              | 586.95   |            |
| 01 22 23 00-0941                                                                           | MO 61" To 72" Walk Behind Deck Mower .....                                   |              | 1,702.16 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -68.09   |            |
| 01 22 23 00-0942 Trailer Mounted Brush Chipper (01 22 23 00-0852)                          |                                                                              |              |          |            |
| Note: Includes delivery to job site and pick-up when complete.                             |                                                                              |              |          |            |
| 01 22 23 00-0943                                                                           | DAY 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....  |              | 238.26   |            |
| 01 22 23 00-0944                                                                           | WK 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 569.74   |            |
| 01 22 23 00-0945                                                                           | MO 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 1,750.67 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -70.03   |            |
| 01 22 23 00-0946                                                                           | DAY 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....  |              | 310.77   |            |
| 01 22 23 00-0947                                                                           | WK 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 700.27   |            |
| 01 22 23 00-0948                                                                           | MO 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 1,864.62 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -74.58   |            |
| 01 22 23 00-0949                                                                           | DAY 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....  |              | 580.10   |            |
| 01 22 23 00-0950                                                                           | WK 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 1,305.23 |            |
| 01 22 23 00-0951                                                                           | MO 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....   |              | 3,480.62 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -139.22  |            |
| 01 22 23 00-0952                                                                           | DAY 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up ..... |              | 554.40   |            |
| 01 22 23 00-0953                                                                           | WK 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....  |              | 1,247.40 |            |
| 01 22 23 00-0954                                                                           | MO 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up .....  |              | 3,326.40 |            |
| For >6 Months (>26 Weeks) , Deduct                                                         |                                                                              |              | -133.06  |            |
| 01 22 23 00-0955 Marine Equipment (01 22 23)                                               |                                                                              |              |          |            |
| 01 22 23 00-0956 Barge And Tug Boat Rental (01 22 23 00-0955)                              |                                                                              |              |          |            |
| 01 22 23 00-0957                                                                           | DAY 50' Deck Cargo Barge.....                                                |              | 1,160.21 |            |
| 01 22 23 00-0958                                                                           | DAY 90' Deck Cargo Barge.....                                                |              | 1,647.08 |            |
| 01 22 23 00-0959                                                                           | DAY 160' Deck Cargo Barge.....                                               |              | 2,424.01 |            |
| 01 22 23 00-0960                                                                           | DAY 200' Deck Cargo Barge.....                                               |              | 3,677.44 |            |
| 01 22 23 00-0961                                                                           | DAY Barge Rental With Mounted Crane And Full-time Operator .....             |              | 2,754.12 |            |
| Note: Including barge.                                                                     |                                                                              |              |          |            |
| 01 22 23 00-0962                                                                           | HR 250 HP Tug Boat With Operator .....                                       |              | 239.59   |            |
| 01 22 23 00-0963                                                                           | HR 400 HP Tug Boat With Operator .....                                       |              | 429.67   |            |
| 01 22 23 00-0964                                                                           | HR 500 To 800 HP Tug Boat With Operator .....                                |              | 538.91   |            |

|    |       |                              |
|----|-------|------------------------------|
| 10 | 01    | General Requirements         |
|    | 01 20 | Price and Payment Procedures |
|    | 01 22 | Unit Prices                  |



| MINOR            | CSI              | UOM | DESCRIPTION                                                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
|                  | 01 22 23 00-0965 | HR  | 16' Work Boat With Operator .....                                                                                                                               | 131.39                    |                         |
|                  | 01 22 23 00-0966 | HR  | 48' Work Boat With Operator .....                                                                                                                               | 421.30                    |                         |
| 01 22 23 00-0967 |                  |     | <b>Material Handling Equipment</b> (01 22 23)                                                                                                                   |                           |                         |
| 01 22 23 00-0968 |                  |     | <b>Truck Mounted Hydraulic Cranes</b> (01 22 23 00-0967)                                                                                                        |                           |                         |
|                  |                  |     | Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension. |                           |                         |
|                  | 01 22 23 00-0969 | DAY | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                         | 1,482.70                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0970 | WK  | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                         | 6,438.29                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0971 | MO  | 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                         | 25,914.78                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -180.49                   |                         |
|                  | 01 22 23 00-0972 | DAY | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                    | 1,613.71                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0973 | WK  | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                    | 6,827.66                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0974 | MO  | 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                    | 27,079.26                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -227.07                   |                         |
|                  | 01 22 23 00-0975 | DAY | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 1,744.71                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0976 | WK  | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 7,217.03                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0977 | MO  | 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 28,243.74                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -273.65                   |                         |
|                  | 01 22 23 00-0978 | DAY | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 1,919.38                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0979 | WK  | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 7,741.05                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0980 | MO  | 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 29,808.51                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -336.24                   |                         |
|                  | 01 22 23 00-0981 | DAY | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 2,079.50                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0982 | WK  | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 8,825.47                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0983 | MO  | 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 33,058.86                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -466.26                   |                         |
|                  | 01 22 23 00-0984 | DAY | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 2,457.96                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0985 | WK  | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 10,179.18                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0986 | MO  | 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 37,122.90                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -628.82                   |                         |
|                  | 01 22 23 00-0987 | DAY | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 2,698.13                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0988 | WK  | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 11,023.43                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0989 | MO  | 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 39,661.47                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -730.36                   |                         |
|                  | 01 22 23 00-0990 | DAY | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 2,887.36                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0991 | WK  | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 11,707.56                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0992 | MO  | 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 41,710.95                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -812.34                   |                         |
|                  | 01 22 23 00-0993 | DAY | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 3,076.59                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0994 | WK  | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 12,391.69                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0995 | MO  | 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 43,760.44                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -894.32                   |                         |
|                  | 01 22 23 00-0996 | DAY | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 3,200.31                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-0997 | WK  | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 12,813.82                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |
|                  | 01 22 23 00-0998 | MO  | 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                  | 45,041.36                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -21,402.42                |                         |
|                  |                  |     | For >6 Months (>26 Weeks) , Deduct .....                                                                                                                        | -945.56                   |                         |
|                  | 01 22 23 00-0999 | DAY | 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                | 3,367.71                  |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -987.80                   |                         |
|                  | 01 22 23 00-1000 | WK  | 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....                                                                                | 13,439.72                 |                         |
|                  |                  |     | For Equipment Without Operator, Deduct .....                                                                                                                    | -4,939.02                 |                         |





|                              |  |  |       |   |
|------------------------------|--|--|-------|---|
| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST            | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------|
| 01 22 23 00-1001 MO 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                                                  | 46,004.53<br>-21,402.42<br>-1,020.08 |                         |
| 01 22 23 00-1002 DAY 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For Half Day Usage, Deduct                                                                         | 3,906.28<br>-987.80<br>-1,167.39     |                         |
| 01 22 23 00-1003 WK 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                                        | 15,153.69<br>-4,939.02               |                         |
| 01 22 23 00-1004 MO 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                                                  | 52,046.44<br>-21,402.42<br>-1,225.76 |                         |
| 01 22 23 00-1005 DAY 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For Half Day Usage, Deduct                                                                         | 4,277.46<br>-987.80<br>-1,315.86     |                         |
| 01 22 23 00-1006 WK 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                                        | 16,452.82<br>-4,939.02               |                         |
| 01 22 23 00-1007 MO 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                                                  | 55,943.81<br>-21,402.42<br>-1,381.66 |                         |
| 01 22 23 00-1008 DAY 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For Half Day Usage, Deduct                                                                         | 4,947.03<br>-987.80<br>-1,583.69     |                         |
| 01 22 23 00-1009 WK 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                                        | 18,796.33<br>-4,939.02               |                         |
| 01 22 23 00-1010 MO 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                                                  | 62,974.36<br>-21,402.42<br>-1,662.88 |                         |
| 01 22 23 00-1011 DAY 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For Half Day Usage, Deduct                                                                         | 5,412.82<br>-987.80<br>-1,770.01     |                         |
| 01 22 23 00-1012 WK 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                                        | 20,426.60<br>-4,939.02               |                         |
| 01 22 23 00-1013 MO 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                                                  | 67,865.17<br>-21,402.42<br>-1,858.51 |                         |
| 01 22 23 00-1014 Cable Controlled Lattice Boom, Mechanical Cranes (01 22 23 00-0967)<br>Note: Includes full-time operator and counterweights. Excludes delivery, set-up, and removal. See CSI section 01<br>71 13 00-0006 for lattice crane delivery. |                                      |                         |
| 01 22 23 00-1015 DAY 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                         | 2,734.52<br>-987.80                  |                         |
| 01 22 23 00-1016 WK 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                          | 11,168.99<br>-4,939.02               |                         |
| 01 22 23 00-1017 MO 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                    | 40,092.32<br>-21,402.42<br>-747.60   |                         |
| 01 22 23 00-1018 DAY 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                       | 4,080.95<br>-987.80                  |                         |
| 01 22 23 00-1019 WK 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                        | 13,410.61<br>-4,939.02               |                         |
| 01 22 23 00-1020 MO 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                  | 46,817.20<br>-21,402.42<br>-1,016.59 |                         |
| 01 22 23 00-1021 DAY 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct                                                                | 4,299.29<br>-987.80                  |                         |
| 01 22 23 00-1022 WK 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct                                                                 | 15,004.49<br>-4,939.02               |                         |
| 01 22 23 00-1023 MO 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                           | 51,597.39<br>-21,402.42<br>-1,207.80 |                         |
| 01 22 23 00-1024 DAY 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct                                                                | 4,735.97<br>-987.80                  |                         |
| 01 22 23 00-1025 WK 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct                                                                 | 16,598.38<br>-4,939.02               |                         |
| 01 22 23 00-1026 MO 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time<br>Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                           | 56,371.75<br>-21,402.42<br>-1,398.77 |                         |
| 01 22 23 00-1027 DAY 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                    | 4,943.39<br>-987.80                  |                         |
| 01 22 23 00-1028 WK 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                     | 18,192.26<br>-4,939.02               |                         |
| 01 22 23 00-1029 MO 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                               | 61,157.77<br>-21,402.42<br>-1,590.21 |                         |
| 01 22 23 00-1030 DAY 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                    | 5,150.82<br>-987.80                  |                         |
| 01 22 23 00-1031 WK 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....<br>For Equipment Without Operator, Deduct                                                                                     | 19,786.14<br>-4,939.02               |                         |

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|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|--------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1032        | MO  | 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 65,943.78                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -1,781.65                 |                         |
| 01 22 23 00-1033        | DAY | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 5,834.95                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -987.80                   |                         |
| 01 22 23 00-1034        | WK  | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 22,238.83                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,939.02                 |                         |
| 01 22 23 00-1035        | MO  | 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 73,291.65                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -2,075.57                 |                         |
| 01 22 23 00-1036        | DAY | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 10,041.63                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -987.80                   |                         |
| 01 22 23 00-1037        | WK  | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 37,231.51                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,939.02                 |                         |
| 01 22 23 00-1038        | MO  | 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator .....    | 118,287.16                |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -3,875.39                 |                         |
| <b>01 22 23 00-1039</b> |     | <b>Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0967)</b>              |                           |                         |
|                         |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.                             |                           |                         |
| 01 22 23 00-1040        | DAY | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 1,577.38                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
| 01 22 23 00-1041        | WK  | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 6,329.35                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
| 01 22 23 00-1042        | MO  | 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 24,167.63                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -128.46                   |                         |
| 01 22 23 00-1043        | DAY | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 1,641.60                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
| 01 22 23 00-1044        | WK  | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 6,473.86                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
| 01 22 23 00-1045        | MO  | 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 24,488.77                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -141.30                   |                         |
| 01 22 23 00-1046        | DAY | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 1,625.55                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
| 01 22 23 00-1047        | WK  | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 6,546.12                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
| 01 22 23 00-1048        | MO  | 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator .....  | 24,970.48                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -160.57                   |                         |
| 01 22 23 00-1049        | DAY | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... | 1,810.20                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
| 01 22 23 00-1050        | WK  | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... | 7,027.83                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
| 01 22 23 00-1051        | MO  | 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator ..... | 26,094.47                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -205.53                   |                         |
| <b>01 22 23 00-1052</b> |     | <b>Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0967)</b>                          |                           |                         |
|                         |     | Note: Includes full-time operator. Excludes delivery, set-up, and removal.                             |                           |                         |
| 01 22 23 00-1053        | DAY | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 1,363.82                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 79.32                     |                         |
| 01 22 23 00-1054        | WK  | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 5,919.09                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 216.61                    |                         |
| 01 22 23 00-1055        | MO  | 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 23,435.03                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 495.76                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -99.15                    |                         |
| 01 22 23 00-1056        | DAY | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 1,384.69                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 83.50                     |                         |
| 01 22 23 00-1057        | WK  | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 5,976.10                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 228.01                    |                         |
| 01 22 23 00-1058        | MO  | 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 23,565.49                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 521.85                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -104.37                   |                         |
| 01 22 23 00-1059        | DAY | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 1,497.09                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -967.21                   |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 105.98                    |                         |
| 01 22 23 00-1060        | WK  | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 6,289.21                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -4,836.05                 |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 290.63                    |                         |
| 01 22 23 00-1061        | MO  | 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator .....              | 24,288.06                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                          | -20,956.23                |                         |
|                         |     | <i>For Propane Instead Of Gas Or Diesel, Add</i>                                                       | 666.37                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                        | -133.27                   |                         |



|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST                    | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------|
| 01 22 23 00-1062 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                      | 1,558.99<br>-967.21<br>118.36                |                         |
| 01 22 23 00-1063 WK 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                       | 6,262.39<br>-4,836.05<br>285.27              |                         |
| 01 22 23 00-1064 MO 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct | 24,506.91<br>-20,956.23<br>770.14<br>-142.03 |                         |
| <b>01 22 23 00-1065 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0967)</b><br>Note: Includes full-time operator. Excludes delivery, set-up, and removal.                                                                     |                                              |                         |
| 01 22 23 00-1066 DAY 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                             | 1,304.41<br>-967.21<br>67.44                 |                         |
| 01 22 23 00-1067 WK 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                              | 5,606.79<br>-4,836.05<br>154.15              |                         |
| 01 22 23 00-1068 MO 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct        | 22,802.79<br>-20,956.23<br>369.31<br>-73.86  |                         |
| 01 22 23 00-1069 DAY 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                             | 1,312.44<br>-967.21<br>69.05                 |                         |
| 01 22 23 00-1070 WK 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                              | 5,630.87<br>-4,836.05<br>158.96              |                         |
| 01 22 23 00-1071 MO 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct        | 22,858.98<br>-20,956.23<br>380.55<br>-76.11  |                         |
| 01 22 23 00-1072 DAY 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                             | 1,481.03<br>-967.21<br>102.76                |                         |
| 01 22 23 00-1073 WK 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                              | 6,000.18<br>-4,836.05<br>232.83              |                         |
| 01 22 23 00-1074 MO 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct        | 23,766.21<br>-20,956.23<br>562.00<br>-112.40 |                         |
| 01 22 23 00-1075 DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                            | 1,497.09<br>-967.21<br>105.98                |                         |
| 01 22 23 00-1076 WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                             | 6,136.67<br>-4,836.05<br>260.12              |                         |
| 01 22 23 00-1077 MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct       | 24,247.91<br>-20,956.23<br>658.34<br>-131.67 |                         |
| 01 22 23 00-1078 DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                            | 1,641.60<br>-967.21<br>134.88                |                         |
| 01 22 23 00-1079 WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add                                             | 6,369.49<br>-4,836.05<br>306.69              |                         |
| 01 22 23 00-1080 MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....<br>For Equipment Without Operator, Deduct<br>For Propane Instead Of Gas Or Diesel, Add<br>For >6 Months (>26 Weeks) , Deduct       | 24,649.34<br>-20,956.23<br>738.62<br>-147.72 |                         |
| <b>01 22 23 00-1081 Chain Hoists (01 22 23 00-0967)</b><br>Note: Includes delivery to job site and pick-up when complete.                                                                                                                  |                                              |                         |
| 01 22 23 00-1082 DAY 1 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                              | 13.78                                        |                         |
| 01 22 23 00-1083 WK 1 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                               | 35.83                                        |                         |
| 01 22 23 00-1084 MO 1 Ton, 20' Lift, Manual Chain Hoist.....<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                         | 106.11<br>-4.24                              |                         |
| 01 22 23 00-1085 DAY 3 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                              | 38.58                                        |                         |
| 01 22 23 00-1086 WK 3 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                               | 90.95                                        |                         |
| 01 22 23 00-1087 MO 3 Ton, 20' Lift, Manual Chain Hoist.....<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                         | 254.93<br>-10.20                             |                         |
| 01 22 23 00-1088 DAY 5 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                              | 49.61                                        |                         |
| 01 22 23 00-1089 WK 5 Ton, 20' Lift, Manual Chain Hoist.....                                                                                                                                                                               | 133.67                                       |                         |
| 01 22 23 00-1090 MO 5 Ton, 20' Lift, Manual Chain Hoist.....<br>For >6 Months (>26 Weeks) , Deduct                                                                                                                                         | 372.06<br>-14.88                             |                         |
| 01 22 23 00-1091 DAY 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist .....                                                                                                                                          | 97.84                                        |                         |
| 01 22 23 00-1092 WK 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist .....                                                                                                                                           | 254.93                                       |                         |
| 01 22 23 00-1093 MO 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist .....                                                                                                                                           | 689.00                                       |                         |
| For >6 Months (>26 Weeks) , Deduct                                                                                                                                                                                                         | -27.56                                       |                         |
| 01 22 23 00-1094 DAY 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist .....                                                                                                                                          | 99.22                                        |                         |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1095        | WK  | 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....                                                         | 265.26                    |                         |
| 01 22 23 00-1096        | MO  | 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....                                                         | 723.45                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -28.94                    |                         |
| 01 22 23 00-1097        | DAY | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....                                                         | 101.97                    |                         |
| 01 22 23 00-1098        | WK  | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....                                                         | 285.94                    |                         |
| 01 22 23 00-1099        | MO  | 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....                                                         | 792.35                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -31.69                    |                         |
| <b>01 22 23 00-1100</b> |     | <b>Roof Swing Hoist</b> (01 22 23 00-0967)                                                                                          |                           |                         |
|                         |     | Note: Includes delivery to job site and pick-up when complete.                                                                      |                           |                         |
| 01 22 23 00-1101        | DAY | Up To 400 Lbs, Manual Swing Roof Hoist .....                                                                                        | 100.36                    |                         |
| 01 22 23 00-1102        | WK  | Up To 400 Lbs, Manual Swing Roof Hoist .....                                                                                        | 351.26                    |                         |
| 01 22 23 00-1103        | MO  | Up To 400 Lbs, Manual Swing Roof Hoist .....                                                                                        | 1,204.32                  |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -48.17                    |                         |
| <b>01 22 23 00-1104</b> |     | <b>Truck Mounted Digger Derrick</b> (01 22 23 00-0967)                                                                              |                           |                         |
|                         |     | Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.                |                           |                         |
| 01 22 23 00-1105        | DAY | Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 1,676.85                  |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -987.80                   |                         |
| 01 22 23 00-1106        | WK  | Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 7,006.17                  |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -4,939.02                 |                         |
| 01 22 23 00-1107        | MO  | Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 26,914.83                 |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -220.50                   |                         |
| 01 22 23 00-1108        | DAY | Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 1,818.48                  |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -987.80                   |                         |
| 01 22 23 00-1109        | WK  | Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 7,431.06                  |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -4,939.02                 |                         |
| 01 22 23 00-1110        | MO  | Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 28,047.86                 |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -265.82                   |                         |
| 01 22 23 00-1111        | DAY | Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 2,693.66                  |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -987.80                   |                         |
| 01 22 23 00-1112        | WK  | Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 10,056.61                 |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -4,939.02                 |                         |
| 01 22 23 00-1113        | MO  | Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... | 35,049.32                 |                         |
|                         |     | Note: Includes lifting boom, grapple arm and auger drill.                                                                           |                           |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                       | -21,402.42                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -545.88                   |                         |
| <b>01 22 23 00-1114</b> |     | <b>Pumping Equipment</b> (01 22 23)                                                                                                 |                           |                         |
| <b>01 22 23 00-1115</b> |     | <b>Gas Powered Portable Centrifugal Pumps</b> (01 22 23 00-1114)                                                                    |                           |                         |
|                         |     | Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1139 for larger diameter pumps.        |                           |                         |
| 01 22 23 00-1116        | DAY | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 75.67                     |                         |
| 01 22 23 00-1117        | WK  | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 170.25                    |                         |
| 01 22 23 00-1118        | MO  | 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 454.01                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -18.16                    |                         |
| 01 22 23 00-1119        | DAY | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 90.80                     |                         |
| 01 22 23 00-1120        | WK  | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 204.30                    |                         |
| 01 22 23 00-1121        | MO  | 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....                                              | 544.81                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -21.79                    |                         |
| <b>01 22 23 00-1122</b> |     | <b>Gas Powered Portable Diaphragm Pumps</b> (01 22 23 00-1114)                                                                      |                           |                         |
|                         |     | Note: Includes delivery, set-up, and removal. Excludes operator.                                                                    |                           |                         |
| 01 22 23 00-1123        | DAY | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....                                                | 87.02                     |                         |
| 01 22 23 00-1124        | WK  | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....                                                | 245.92                    |                         |
| 01 22 23 00-1125        | MO  | 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....                                                | 624.26                    |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                     | -24.97                    |                         |
| 01 22 23 00-1126        | DAY | 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....                                                | 105.94                    |                         |
| 01 22 23 00-1127        | WK  | 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....                                                | 283.76                    |                         |



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|------------------------------|--|-------|
| General Requirements         |  | 01    |
| Price and Payment Procedures |  | 01 20 |
| Unit Prices                  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1128             | MO 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump .....<br>For >6 Months (>26 Weeks) , Deduct                            | 803.97<br>-32.16          |                         |
| 01 22 23 00-1129             | <b>Gas Powered Portable Trash Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator.                           |                           |                         |
| 01 22 23 00-1130             | DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....                                                                    | 109.72                    |                         |
| 01 22 23 00-1131             | WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....                                                                     | 227.00                    |                         |
| 01 22 23 00-1132             | MO 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct                               | 681.01<br>-27.24          |                         |
| 01 22 23 00-1133             | DAY 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....                                                                     | 109.72                    |                         |
| 01 22 23 00-1134             | WK 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....                                                                      | 293.21                    |                         |
| 01 22 23 00-1135             | MO 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct                                | 803.97<br>-32.16          |                         |
| 01 22 23 00-1136             | DAY 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....                                                                    | 174.04                    |                         |
| 01 22 23 00-1137             | WK 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....                                                                     | 491.84                    |                         |
| 01 22 23 00-1138             | MO 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct                               | 1,428.23<br>-57.13        |                         |
| 01 22 23 00-1139             | <b>Diesel Powered Portable Trash Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator.                        |                           |                         |
| 01 22 23 00-1140             | DAY 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....                                                                | 340.51                    |                         |
| 01 22 23 00-1141             | WK 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....                                                                 | 926.93                    |                         |
| 01 22 23 00-1142             | MO 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....                                                                 | 4,038.78                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -161.55                   |                         |
| 01 22 23 00-1143             | DAY 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                               | 520.22                    |                         |
| 01 22 23 00-1144             | WK 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                                | 1,362.02                  |                         |
| 01 22 23 00-1145             | MO 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                                | 3,622.61                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -144.90                   |                         |
| 01 22 23 00-1146             | DAY 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                              | 707.50                    |                         |
| 01 22 23 00-1147             | WK 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                               | 1,893.59                  |                         |
| 01 22 23 00-1148             | MO 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....                                                               | 5,065.97                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -202.64                   |                         |
| 01 22 23 00-1149             | DAY 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....                                                              | 591.58                    |                         |
| 01 22 23 00-1150             | WK 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....                                                               | 2,338.14                  |                         |
| 01 22 23 00-1151             | MO 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump .....                                                               | 6,866.87                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -274.67                   |                         |
| 01 22 23 00-1152             | <b>Diesel Powered Portable High Head Trash Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator.              |                           |                         |
| 01 22 23 00-1153             | DAY 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                          | 454.01                    |                         |
| 01 22 23 00-1154             | WK 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                           | 1,021.52                  |                         |
| 01 22 23 00-1155             | MO 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                           | 2,724.05                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -108.96                   |                         |
| 01 22 23 00-1156             | DAY 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                          | 681.01                    |                         |
| 01 22 23 00-1157             | WK 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                           | 1,821.71                  |                         |
| 01 22 23 00-1158             | MO 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                           | 5,107.59                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -204.30                   |                         |
| 01 22 23 00-1159             | DAY 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                         | 832.35                    |                         |
| 01 22 23 00-1160             | WK 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                          | 1,872.78                  |                         |
| 01 22 23 00-1161             | MO 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump .....                                          | 4,994.09                  |                         |
|                              | For >6 Months (>26 Weeks) , Deduct                                                                                                                       | -199.76                   |                         |
| 01 22 23 00-1162             | <b>Diesel Powered Portable Silenced Environmental Trash Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator. |                           |                         |
| 01 22 23 00-1163             | DAY 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                          | 486.17                    |                         |
| 01 22 23 00-1164             | WK 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                           | 1,106.64                  |                         |
| 01 22 23 00-1165             | MO 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct     | 3,450.46<br>-138.02       |                         |
| 01 22 23 00-1166             | DAY 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                         | 595.89                    |                         |
| 01 22 23 00-1167             | WK 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                          | 1,484.98                  |                         |
| 01 22 23 00-1168             | MO 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct    | 4,038.78<br>-161.55       |                         |
| 01 22 23 00-1169             | DAY 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                        | 718.85                    |                         |
| 01 22 23 00-1170             | WK 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                         | 2,126.27                  |                         |
| 01 22 23 00-1171             | MO 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct   | 5,930.48<br>-237.22       |                         |
| 01 22 23 00-1172             | DAY 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                        | 1,082.05                  |                         |
| 01 22 23 00-1173             | WK 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....                                         | 2,763.77                  |                         |
| 01 22 23 00-1174             | MO 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....<br>For >6 Months (>26 Weeks) , Deduct   | 8,115.39<br>-324.62       |                         |

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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1175 |     | <b>3 Phase Electric Submersible Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator. |                           |                         |
| 01 22 23 00-1176 | DAY | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 189.17                    |                         |
| 01 22 23 00-1177 | WK  | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 472.92                    |                         |
| 01 22 23 00-1178 | MO  | 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 1,418.78                  |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -56.75                    |                         |
| 01 22 23 00-1179 | DAY | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 249.70                    |                         |
| 01 22 23 00-1180 | WK  | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 624.26                    |                         |
| 01 22 23 00-1181 | MO  | 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump .....                                              | 1,872.78                  |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -74.91                    |                         |
| 01 22 23 00-1182 |     | <b>Suction Hose With Couplings</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal.                           |                           |                         |
| 01 22 23 00-1183 | DAY | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                          | 5.76                      |                         |
| 01 22 23 00-1184 | WK  | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                          | 14.40                     |                         |
| 01 22 23 00-1185 | MO  | Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                          | 44.16                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -1.77                     |                         |
| 01 22 23 00-1186 | DAY | 3" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 15.36                     |                         |
| 01 22 23 00-1187 | WK  | 3" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 39.36                     |                         |
| 01 22 23 00-1188 | MO  | 3" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 120.00                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -4.80                     |                         |
| 01 22 23 00-1189 | DAY | 4" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 23.04                     |                         |
| 01 22 23 00-1190 | WK  | 4" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 58.56                     |                         |
| 01 22 23 00-1191 | MO  | 4" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 177.60                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -7.10                     |                         |
| 01 22 23 00-1192 | DAY | 6" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 28.80                     |                         |
| 01 22 23 00-1193 | WK  | 6" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 72.00                     |                         |
| 01 22 23 00-1194 | MO  | 6" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                                | 211.20                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -8.45                     |                         |
| 01 22 23 00-1195 | DAY | 10" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 67.20                     |                         |
| 01 22 23 00-1196 | WK  | 10" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 172.80                    |                         |
| 01 22 23 00-1197 | MO  | 10" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 508.80                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -20.35                    |                         |
| 01 22 23 00-1198 | DAY | 12" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 90.24                     |                         |
| 01 22 23 00-1199 | WK  | 12" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 196.80                    |                         |
| 01 22 23 00-1200 | MO  | 12" Inside Diameter, 20' Length, Suction Hose With Couplings .....                                                               | 590.40                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -23.62                    |                         |
| 01 22 23 00-1201 |     | <b>Discharge Hose With Couplings</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal.                         |                           |                         |
| 01 22 23 00-1202 | DAY | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                          | 5.76                      |                         |
| 01 22 23 00-1203 | WK  | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                          | 14.40                     |                         |
| 01 22 23 00-1204 | MO  | 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                          | 44.16                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -1.77                     |                         |
| 01 22 23 00-1205 | DAY | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 6.72                      |                         |
| 01 22 23 00-1206 | WK  | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 16.32                     |                         |
| 01 22 23 00-1207 | MO  | 2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 50.88                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -2.04                     |                         |
| 01 22 23 00-1208 | DAY | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 7.68                      |                         |
| 01 22 23 00-1209 | WK  | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 19.20                     |                         |
| 01 22 23 00-1210 | MO  | 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 58.56                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -2.34                     |                         |
| 01 22 23 00-1211 | DAY | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 20.16                     |                         |
| 01 22 23 00-1212 | WK  | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 51.84                     |                         |
| 01 22 23 00-1213 | MO  | 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 148.80                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -5.95                     |                         |
| 01 22 23 00-1214 | DAY | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 24.96                     |                         |
| 01 22 23 00-1215 | WK  | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 68.16                     |                         |
| 01 22 23 00-1216 | MO  | 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....                                                              | 187.20                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -7.49                     |                         |
| 01 22 23 00-1217 | DAY | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 19.20                     |                         |
| 01 22 23 00-1218 | WK  | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 48.00                     |                         |
| 01 22 23 00-1219 | MO  | 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 144.00                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -5.76                     |                         |
| 01 22 23 00-1220 | DAY | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 48.96                     |                         |
| 01 22 23 00-1221 | WK  | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 124.80                    |                         |
| 01 22 23 00-1222 | MO  | 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....                                                             | 369.60                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -14.78                    |                         |
| 01 22 23 00-1223 |     | <b>Hydraulic Submersible Pumps</b> (01 22 23 00-1114)<br>Note: Includes delivery, set-up, and removal. Excludes operator.        |                           |                         |
| 01 22 23 00-1224 |     | <b>Hydraulic Submersible Pumps</b> (01 22 23 00-1223)<br>Note: Includes delivery, set-up, and removal. Excludes operator.        |                           |                         |
| 01 22 23 00-1225 | DAY | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....                                                    | 124.85                    |                         |
| 01 22 23 00-1226 | WK  | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....                                                    | 334.83                    |                         |
| 01 22 23 00-1227 | MO  | 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....                                                    | 936.39                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                  | -37.46                    |                         |
| 01 22 23 00-1228 | DAY | 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....                                                    | 158.90                    |                         |
| 01 22 23 00-1229 | WK  | 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....                                                    | 408.61                    |                         |



|                              |  |  |       |
|------------------------------|--|--|-------|
| General Requirements         |  |  | 01    |
| Price and Payment Procedures |  |  | 01 20 |
| Unit Prices                  |  |  | 01 22 |

| MINOR               |                                                                                 | TOTAL DIRECT |  | DEMOLITION |
|---------------------|---------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                 | UNIT COST    |  | UNIT COST  |
| 01 22 23 00-1230    | MO 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump..... | 1,248.52     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -49.94       |  |            |
| 01 22 23 00-1231    | Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1223)                |              |  |            |
|                     | Note: Includes delivery, set-up, and removal. Excludes operator.                |              |  |            |
| 01 22 23 00-1232    | DAY 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....                   | 288.48       |  |            |
| 01 22 23 00-1233    | WK 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....                    | 860.72       |  |            |
| 01 22 23 00-1234    | MO 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....                    | 2,270.04     |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -90.60       |  |            |
| 01 22 23 00-1235    | HDPE Pipe With Couplings (01 22 23 00-1114)                                     |              |  |            |
|                     | Note: Includes delivery, set-up, and removal.                                   |              |  |            |
| 01 22 23 00-1236    | DAY 4" x 50' HDPE Pipe With Couplings.....                                      | 20.60        |  |            |
| 01 22 23 00-1237    | WK 4" x 50' HDPE Pipe With Couplings.....                                       | 49.44        |  |            |
| 01 22 23 00-1238    | MO 4" x 50' HDPE Pipe With Couplings.....                                       | 152.44       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -6.10        |  |            |
| 01 22 23 00-1239    | DAY 6" x 50' HDPE Pipe With Couplings.....                                      | 32.96        |  |            |
| 01 22 23 00-1240    | WK 6" x 50' HDPE Pipe With Couplings.....                                       | 82.40        |  |            |
| 01 22 23 00-1241    | MO 6" x 50' HDPE Pipe With Couplings.....                                       | 251.31       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -10.05       |  |            |
| 01 22 23 00-1242    | DAY 8" x 50' HDPE Pipe With Couplings.....                                      | 53.56        |  |            |
| 01 22 23 00-1243    | WK 8" x 50' HDPE Pipe With Couplings.....                                       | 140.08       |  |            |
| 01 22 23 00-1244    | MO 8" x 50' HDPE Pipe With Couplings.....                                       | 416.11       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -16.64       |  |            |
| 01 22 23 00-1245    | DAY 10" x 50' HDPE Pipe With Couplings.....                                     | 65.92        |  |            |
| 01 22 23 00-1246    | WK 10" x 50' HDPE Pipe With Couplings.....                                      | 168.92       |  |            |
| 01 22 23 00-1247    | MO 10" x 50' HDPE Pipe With Couplings.....                                      | 514.99       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -20.60       |  |            |
| 01 22 23 00-1248    | DAY 12" x 20' HDPE Pipe With Couplings.....                                     | 49.44        |  |            |
| 01 22 23 00-1249    | WK 12" x 20' HDPE Pipe With Couplings.....                                      | 135.96       |  |            |
| 01 22 23 00-1250    | MO 12" x 20' HDPE Pipe With Couplings.....                                      | 411.99       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -16.48       |  |            |
| 01 22 23 00-1251    | DAY 4" Elbow For HDPE Pipe, Quick Connect.....                                  | 49.44        |  |            |
| 01 22 23 00-1252    | WK 4" Elbow For HDPE Pipe, Quick Connect.....                                   | 127.72       |  |            |
| 01 22 23 00-1253    | MO 4" Elbow For HDPE Pipe, Quick Connect.....                                   | 379.03       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -15.16       |  |            |
| 01 22 23 00-1254    | DAY 6" Elbow For HDPE Pipe, Quick Connect.....                                  | 57.68        |  |            |
| 01 22 23 00-1255    | WK 6" Elbow For HDPE Pipe, Quick Connect.....                                   | 148.32       |  |            |
| 01 22 23 00-1256    | MO 6" Elbow For HDPE Pipe, Quick Connect.....                                   | 453.19       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -18.13       |  |            |
| 01 22 23 00-1257    | DAY 8" Elbow For HDPE Pipe, Quick Connect.....                                  | 65.92        |  |            |
| 01 22 23 00-1258    | WK 8" Elbow For HDPE Pipe, Quick Connect.....                                   | 168.92       |  |            |
| 01 22 23 00-1259    | MO 8" Elbow For HDPE Pipe, Quick Connect.....                                   | 514.99       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -20.60       |  |            |
| 01 22 23 00-1260    | DAY 10" Elbow For HDPE Pipe, Quick Connect.....                                 | 82.40        |  |            |
| 01 22 23 00-1261    | WK 10" Elbow For HDPE Pipe, Quick Connect.....                                  | 210.11       |  |            |
| 01 22 23 00-1262    | MO 10" Elbow For HDPE Pipe, Quick Connect.....                                  | 638.58       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -25.54       |  |            |
| 01 22 23 00-1263    | DAY 12" Elbow For HDPE Pipe, Quick Connect.....                                 | 82.40        |  |            |
| 01 22 23 00-1264    | WK 12" Elbow For HDPE Pipe, Quick Connect.....                                  | 210.11       |  |            |
| 01 22 23 00-1265    | MO 12" Elbow For HDPE Pipe, Quick Connect.....                                  | 638.58       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -25.54       |  |            |
| 01 22 23 00-1266    | DAY 4" Tee For HDPE Pipe, Quick Connect.....                                    | 49.44        |  |            |
| 01 22 23 00-1267    | WK 4" Tee For HDPE Pipe, Quick Connect.....                                     | 127.72       |  |            |
| 01 22 23 00-1268    | MO 4" Tee For HDPE Pipe, Quick Connect.....                                     | 379.03       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -15.16       |  |            |
| 01 22 23 00-1269    | DAY 6" Tee For HDPE Pipe, Quick Connect.....                                    | 65.92        |  |            |
| 01 22 23 00-1270    | WK 6" Tee For HDPE Pipe, Quick Connect.....                                     | 168.92       |  |            |
| 01 22 23 00-1271    | MO 6" Tee For HDPE Pipe, Quick Connect.....                                     | 514.99       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -20.60       |  |            |
| 01 22 23 00-1272    | DAY 8" Tee For HDPE Pipe, Quick Connect.....                                    | 82.40        |  |            |
| 01 22 23 00-1273    | WK 8" Tee For HDPE Pipe, Quick Connect.....                                     | 210.11       |  |            |
| 01 22 23 00-1274    | MO 8" Tee For HDPE Pipe, Quick Connect.....                                     | 638.58       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -25.54       |  |            |
| 01 22 23 00-1275    | DAY 10" Tee For HDPE Pipe, Quick Connect.....                                   | 98.88        |  |            |
| 01 22 23 00-1276    | WK 10" Tee For HDPE Pipe, Quick Connect.....                                    | 251.31       |  |            |
| 01 22 23 00-1277    | MO 10" Tee For HDPE Pipe, Quick Connect.....                                    | 762.18       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -30.49       |  |            |
| 01 22 23 00-1278    | DAY 12" Tee For HDPE Pipe, Quick Connect.....                                   | 98.88        |  |            |
| 01 22 23 00-1279    | WK 12" Tee For HDPE Pipe, Quick Connect.....                                    | 251.31       |  |            |
| 01 22 23 00-1280    | MO 12" Tee For HDPE Pipe, Quick Connect.....                                    | 762.18       |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -30.49       |  |            |
| 01 22 23 00-1281    | DAY 4" Cap For HDPE Pipe, Quick Connect.....                                    | 8.24         |  |            |
| 01 22 23 00-1282    | WK 4" Cap For HDPE Pipe, Quick Connect.....                                     | 24.72        |  |            |
| 01 22 23 00-1283    | MO 4" Cap For HDPE Pipe, Quick Connect.....                                     | 74.16        |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -2.97        |  |            |
| 01 22 23 00-1284    | DAY 6" Cap For HDPE Pipe, Quick Connect.....                                    | 8.24         |  |            |
| 01 22 23 00-1285    | WK 6" Cap For HDPE Pipe, Quick Connect.....                                     | 24.72        |  |            |
| 01 22 23 00-1286    | MO 6" Cap For HDPE Pipe, Quick Connect.....                                     | 74.16        |  |            |
|                     | For >6 Months (>26 Weeks) , Deduct                                              | -2.97        |  |            |
| 01 22 23 00-1287    | DAY 8" Cap For HDPE Pipe, Quick Connect.....                                    | 8.24         |  |            |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1288 | WK  | 8" Cap For HDPE Pipe, Quick Connect .....                                                                                                                 | 24.72                     |                         |
| 01 22 23 00-1289 | MO  | 8" Cap For HDPE Pipe, Quick Connect .....                                                                                                                 | 74.16                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -2.97                     |                         |
| 01 22 23 00-1290 | DAY | 10" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 8.24                      |                         |
| 01 22 23 00-1291 | WK  | 10" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 24.72                     |                         |
| 01 22 23 00-1292 | MO  | 10" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 74.16                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -2.97                     |                         |
| 01 22 23 00-1293 | DAY | 12" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 8.24                      |                         |
| 01 22 23 00-1294 | WK  | 12" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 24.72                     |                         |
| 01 22 23 00-1295 | MO  | 12" Cap For HDPE Pipe, Quick Connect .....                                                                                                                | 74.16                     |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -2.97                     |                         |
| 01 22 23 00-1296 | DAY | 4" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 24.72                     |                         |
| 01 22 23 00-1297 | WK  | 4" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 61.80                     |                         |
| 01 22 23 00-1298 | MO  | 4" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 189.52                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -7.58                     |                         |
| 01 22 23 00-1299 | DAY | 6" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 28.84                     |                         |
| 01 22 23 00-1300 | WK  | 6" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 74.16                     |                         |
| 01 22 23 00-1301 | MO  | 6" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 226.59                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -9.06                     |                         |
| 01 22 23 00-1302 | DAY | 8" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 49.44                     |                         |
| 01 22 23 00-1303 | WK  | 8" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 127.72                    |                         |
| 01 22 23 00-1304 | MO  | 8" Wye For HDPE Pipe, Quick Connect .....                                                                                                                 | 379.03                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -15.16                    |                         |
| 01 22 23 00-1305 | DAY | 10" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 74.16                     |                         |
| 01 22 23 00-1306 | WK  | 10" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 189.52                    |                         |
| 01 22 23 00-1307 | MO  | 10" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 576.79                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -23.07                    |                         |
| 01 22 23 00-1308 | DAY | 12" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 74.16                     |                         |
| 01 22 23 00-1309 | WK  | 12" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 189.52                    |                         |
| 01 22 23 00-1310 | MO  | 12" Wye For HDPE Pipe, Quick Connect .....                                                                                                                | 576.79                    |                         |
|                  |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> .....                                                                                                     | -23.07                    |                         |
| 01 22 23 00-1311 |     | <b>Temporary Building Services</b> (01 22 23)                                                                                                             |                           |                         |
| 01 22 23 00-1312 |     | <b>Boilers</b> (01 22 23 00-1311)                                                                                                                         |                           |                         |
|                  |     | Note: Excludes operator, delivery, set-up, and removal.                                                                                                   |                           |                         |
| 01 22 23 00-1313 |     | <b>Electric Boilers</b> (01 22 23 00-1312)                                                                                                                |                           |                         |
| 01 22 23 00-1314 | MO  | 40 MBH, 12 KW Electric Boiler Rental .....                                                                                                                | 2,596.99                  |                         |
| 01 22 23 00-1315 | MO  | 60 MBH, 20 KW Electric Boiler Rental .....                                                                                                                | 2,833.12                  |                         |
| 01 22 23 00-1316 | MO  | 95 MBH, 30 KW Electric Boiler Rental .....                                                                                                                | 2,951.18                  |                         |
| 01 22 23 00-1317 | MO  | 135 MBH, 40 KW Electric Boiler Rental .....                                                                                                               | 3,305.26                  |                         |
| 01 22 23 00-1318 | MO  | 165 MBH, 50 KW Electric Boiler Rental .....                                                                                                               | 4,603.76                  |                         |
| 01 22 23 00-1319 | MO  | 215 MBH, 60 KW Electric Boiler Rental .....                                                                                                               | 5,312.05                  |                         |
| 01 22 23 00-1320 | MO  | 365 MBH, 100 KW Electric Boiler Rental .....                                                                                                              | 6,964.74                  |                         |
| 01 22 23 00-1321 | MO  | 510 MBH, 150 KW Electric Boiler Rental .....                                                                                                              | 8,499.35                  |                         |
| 01 22 23 00-1322 |     | <b>Oil/Gas Fired Boilers</b> (01 22 23 00-1312)                                                                                                           |                           |                         |
| 01 22 23 00-1323 | MO  | Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental .....                                                                                                       | 2,479.00                  |                         |
| 01 22 23 00-1324 | MO  | >100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental .....                                                                                                  | 3,222.70                  |                         |
| 01 22 23 00-1325 | MO  | >250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental .....                                                                                                  | 5,205.90                  |                         |
| 01 22 23 00-1326 | MO  | >500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental .....                                                                                                  | 7,189.10                  |                         |
| 01 22 23 00-1327 |     | <b>Oil Fired Boilers</b> (01 22 23 00-1312)                                                                                                               |                           |                         |
| 01 22 23 00-1328 | MO  | 250 HP Oil Fired Boiler Rental .....                                                                                                                      | 7,293.67                  |                         |
| 01 22 23 00-1329 | MO  | 350 HP Oil Fired Boiler Rental .....                                                                                                                      | 9,724.90                  |                         |
| 01 22 23 00-1330 | MO  | 500 HP Oil Fired Boiler Rental .....                                                                                                                      | 12,156.12                 |                         |
| 01 22 23 00-1331 | MO  | 600 HP Oil Fired Boiler Rental .....                                                                                                                      | 13,371.73                 |                         |
| 01 22 23 00-1332 |     | <b>Boilers Setup</b> (01 22 23 00-1312)                                                                                                                   |                           |                         |
| 01 22 23 00-1333 | EA  | Setup Rental Boiler .....                                                                                                                                 | 7,774.26                  |                         |
|                  |     | Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane. |                           |                         |
| 01 22 23 00-1334 |     | <b>Chillers</b> (01 22 23 00-1311)                                                                                                                        |                           |                         |
|                  |     | Note: Excludes operator, delivery, set-up, and removal.                                                                                                   |                           |                         |
| 01 22 23 00-1335 |     | <b>Air Cooled Chillers</b> (01 22 23 00-1334)                                                                                                             |                           |                         |
| 01 22 23 00-1336 | MO  | 25 Ton Air Cooled Chiller Rental .....                                                                                                                    | 2,494.67                  |                         |
|                  |     | <i>For &gt;3 To 6 Month Rental, Deduct</i> .....                                                                                                          | -374.20                   |                         |
|                  |     | <i>For &gt;6 Month Rental, Deduct</i> .....                                                                                                               | -623.67                   |                         |
| 01 22 23 00-1337 | MO  | 40 Ton Air Cooled Chiller Rental .....                                                                                                                    | 3,991.48                  |                         |
|                  |     | <i>For &gt;3 To 6 Month Rental, Deduct</i> .....                                                                                                          | -598.72                   |                         |
|                  |     | <i>For &gt;6 Month Rental, Deduct</i> .....                                                                                                               | -997.87                   |                         |
| 01 22 23 00-1338 | MO  | 60 Ton Air Cooled Chiller Rental .....                                                                                                                    | 4,882.03                  |                         |
|                  |     | <i>For &gt;3 To 6 Month Rental, Deduct</i> .....                                                                                                          | -732.30                   |                         |
|                  |     | <i>For &gt;6 Month Rental, Deduct</i> .....                                                                                                               | -1,220.51                 |                         |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST               | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------|
| 01 22 23 00-1339 MO 80 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                                | 5,772.58<br>-865.89<br>-1,443.15        |                         |
| 01 22 23 00-1340 MO 100 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 6,663.13<br>-999.47<br>-1,665.78        |                         |
| 01 22 23 00-1341 MO 125 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 7,719.37<br>-1,157.91<br>-1,929.84      |                         |
| 01 22 23 00-1342 MO 155 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 9,338.54<br>-1,400.78<br>-2,334.64      |                         |
| 01 22 23 00-1343 MO 170 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 9,986.22<br>-1,497.93<br>-2,496.56      |                         |
| 01 22 23 00-1344 MO 200 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 11,471.73<br>-1,720.76<br>-2,867.93     |                         |
| 01 22 23 00-1345 MO 250 Ton Air Cooled Chiller Rental .....<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                                               | 13,650.10<br>-2,047.52<br>-3,412.53     |                         |
| 01 22 23 00-1346 MO 300 Ton Air Cooled Chiller Rental .....<br>Note: Includes trailer.<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                                                    | 15,928.25<br><br>-2,389.24<br>-3,982.06 |                         |
| 01 22 23 00-1347 MO 400 Ton Air Cooled Chiller Rental .....<br>Note: Includes trailer, pump and 200' of 6" hose.<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                          | 21,011.74<br><br>-3,151.76<br>-5,252.94 |                         |
| 01 22 23 00-1348 MO 500 Ton Air Cooled Chiller Rental .....<br>Note: Includes trailer, pump and 200' of 6" hose.<br>For >3 To 6 Month Rental, Deduct .....<br>For >6 Month Rental, Deduct .....                                                                                          | 26,008.61<br><br>-3,901.29<br>-6,502.15 |                         |
| 01 22 23 00-1349 EA Setup Air Cooled Chiller Rental Unit .....<br>Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning,<br>recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded. | 5,404.06                                |                         |
| 01 22 23 00-1350 Chiller Rental Accessories (01 22 23 00-1334)                                                                                                                                                                                                                           |                                         |                         |
| 01 22 23 00-1351 MO 4" x 25' Flexible Water Hose For Chiller Rental .....                                                                                                                                                                                                                | 44.45                                   |                         |
| 01 22 23 00-1352 MO 6" x 25' Flexible Water Hose For Chiller Rental .....                                                                                                                                                                                                                | 55.56                                   |                         |
| 01 22 23 00-1353 Cooling Tower (01 22 23 00-1311)<br>Note: Excludes operator, delivery, set-up, and removal.                                                                                                                                                                             |                                         |                         |
| 01 22 23 00-1354 MO 100 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 2,289.28<br>-343.39<br>-572.32          |                         |
| 01 22 23 00-1355 MO 200 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 4,167.38<br>-625.11<br>-1,041.85        |                         |
| 01 22 23 00-1356 MO 250 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 4,719.36<br>-707.90<br>-1,179.84        |                         |
| 01 22 23 00-1357 MO 300 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 5,334.24<br>-800.14<br>-1,333.56        |                         |
| 01 22 23 00-1358 MO 400 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 6,667.80<br>-1,000.17<br>-1,666.95      |                         |
| 01 22 23 00-1359 MO 500 Ton Cooling Tower Rental .....<br>For >3 To 6 Months Rental, Deduct .....<br>For >6 Months Rental, Deduct .....                                                                                                                                                  | 7,795.80<br>-1,169.37<br>-1,948.95      |                         |
| 01 22 23 00-1360 MO Setup Rental Cooling Tower .....<br>Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes<br>piping and electrical hookup. Excludes crane.                                                                     | 5,404.06                                |                         |
| 01 22 23 00-1361 Emergency Cooler/Freezer (01 22 23 00-1311)<br>Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt,<br>combo 115 Volt or 230 Volt.                                                                      |                                         |                         |
| 01 22 23 00-1362 DAY 8 x 6 x 7 Emergency Cooler Rental .....                                                                                                                                                                                                                             | 126.92                                  |                         |
| 01 22 23 00-1363 WK 8 x 6 x 7 Emergency Cooler Rental .....                                                                                                                                                                                                                              | 676.88                                  |                         |
| 01 22 23 00-1364 DAY 10 x 7 x 7 Emergency Cooler Rental .....                                                                                                                                                                                                                            | 253.83                                  |                         |
| 01 22 23 00-1365 WK 10 x 7 x 7 Emergency Cooler Rental .....                                                                                                                                                                                                                             | 1,015.32                                |                         |
| 01 22 23 00-1366 MO 10 x 7 x 7 Emergency Cooler Rental .....                                                                                                                                                                                                                             | 2,538.30                                |                         |
| 01 22 23 00-1367 DAY 10 x 7 x 7 Emergency Freezer Rental .....                                                                                                                                                                                                                           | 296.14                                  |                         |
| 01 22 23 00-1368 WK 10 x 7 x 7 Emergency Freezer Rental .....                                                                                                                                                                                                                            | 1,184.54                                |                         |
| 01 22 23 00-1369 MO 10 x 7 x 7 Emergency Freezer Rental .....                                                                                                                                                                                                                            | 3,045.96                                |                         |
| 01 22 23 00-1370 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....                                                                                                                                                                                                 | 338.44                                  |                         |
| 01 22 23 00-1371 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....                                                                                                                                                                                                  | 1,353.76                                |                         |
| 01 22 23 00-1372 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental .....                                                                                                                                                                                                  | 3,384.40                                |                         |

|              |                                     |
|--------------|-------------------------------------|
| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |     |                                                                                                                                                           |
|-------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>01 22 23 00-1373</b> |     | <b>Fuel Oil Tank</b> (01 22 23 00-1311)                                                                                                                   |
|                         |     | Note: Excludes delivery to job site and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees. |
| 01 22 23 00-1374        | MO  | 100 Gallon Portable Double Wall Fuel Oil Tank Rental .....433.92                                                                                          |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-17.36                                                                                                            |
| 01 22 23 00-1375        | MO  | 275 Gallon Portable Double Wall Fuel Oil Tank Rental .....674.98                                                                                          |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-27.00                                                                                                            |
| 01 22 23 00-1376        | MO  | 500 Gallon Portable Double Wall Fuel Oil Tank Rental .....1,687.46                                                                                        |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-67.50                                                                                                            |
| 01 22 23 00-1377        | MO  | 1,000 Gallon Portable Double Wall Fuel Oil Tank Rental .....2,812.42                                                                                      |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-112.50                                                                                                           |
| 01 22 23 00-1378        | MO  | 2,300 Gallon Portable Double Wall Fuel Oil Tank Rental .....3,712.40                                                                                      |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-148.50                                                                                                           |
| 01 22 23 00-1379        | MO  | 5,000 Gallon Portable Double Wall Fuel Oil Tank Rental .....6,631.97                                                                                      |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-265.28                                                                                                           |
| <b>01 22 23 00-1380</b> |     | <b>Portable Spot Cooling Units</b> (01 22 23 00-1311)                                                                                                     |
|                         |     | Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.                                                                          |
| 01 22 23 00-1381        | DAY | 1 Ton Portable Spot Cooling Unit .....196.86                                                                                                              |
| 01 22 23 00-1382        | WK  | 1 Ton Portable Spot Cooling Unit .....426.52                                                                                                              |
| 01 22 23 00-1383        | MO  | 1 Ton Portable Spot Cooling Unit .....1,008.26                                                                                                            |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-40.33                                                                                                            |
| 01 22 23 00-1384        | DAY | 1.5 Ton Portable Spot Cooling Unit .....257.43                                                                                                            |
| 01 22 23 00-1385        | WK  | 1.5 Ton Portable Spot Cooling Unit .....528.74                                                                                                            |
| 01 22 23 00-1386        | MO  | 1.5 Ton Portable Spot Cooling Unit .....1,240.45                                                                                                          |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-49.62                                                                                                            |
| 01 22 23 00-1387        | DAY | 2 Ton Portable Spot Cooling Unit .....347.02                                                                                                              |
| 01 22 23 00-1388        | WK  | 2 Ton Portable Spot Cooling Unit .....725.59                                                                                                              |
| 01 22 23 00-1389        | MO  | 2 Ton Portable Spot Cooling Unit .....1,343.92                                                                                                            |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-53.76                                                                                                            |
| 01 22 23 00-1390        | DAY | 3 Ton Portable Spot Cooling Unit .....363.43                                                                                                              |
| 01 22 23 00-1391        | WK  | 3 Ton Portable Spot Cooling Unit .....769.76                                                                                                              |
| 01 22 23 00-1392        | MO  | 3 Ton Portable Spot Cooling Unit .....1,701.04                                                                                                            |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-68.04                                                                                                            |
| 01 22 23 00-1393        | DAY | 5 Ton Portable Spot Cooling Unit .....567.86                                                                                                              |
| 01 22 23 00-1394        | WK  | 5 Ton Portable Spot Cooling Unit .....1,148.33                                                                                                            |
| 01 22 23 00-1395        | MO  | 5 Ton Portable Spot Cooling Unit .....2,386.25                                                                                                            |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-95.45                                                                                                            |
| 01 22 23 00-1396        | DAY | 10 To 12 Ton Portable Spot Cooling Unit .....742.00                                                                                                       |
| 01 22 23 00-1397        | WK  | 10 To 12 Ton Portable Spot Cooling Unit .....1,672.02                                                                                                     |
| 01 22 23 00-1398        | MO  | 10 To 12 Ton Portable Spot Cooling Unit .....4,035.56                                                                                                     |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-161.42                                                                                                           |
| 01 22 23 00-1399        | DAY | 20 Ton Portable Spot Cooling Unit .....851.78                                                                                                             |
| 01 22 23 00-1400        | WK  | 20 Ton Portable Spot Cooling Unit .....1,955.94                                                                                                           |
| 01 22 23 00-1401        | MO  | 20 Ton Portable Spot Cooling Unit .....5,451.41                                                                                                           |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-218.06                                                                                                           |
| 01 22 23 00-1402        | DAY | 25 Ton Portable Spot Cooling Unit .....1,211.42                                                                                                           |
| 01 22 23 00-1403        | WK  | 25 Ton Portable Spot Cooling Unit .....2,454.40                                                                                                           |
| 01 22 23 00-1404        | MO  | 25 Ton Portable Spot Cooling Unit .....5,710.10                                                                                                           |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-228.40                                                                                                           |
| 01 22 23 00-1405        | EA  | Setup Rental Of Up To 5 Ton Portable Spot Cooler .....272.89                                                                                              |
|                         |     | Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.                                |
| 01 22 23 00-1406        | EA  | Setup Rental Of 10 To 15 Ton Portable Spot Cooler .....624.24                                                                                             |
|                         |     | Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.                                |
| 01 22 23 00-1407        | EA  | Setup Rental Of 20 To 25 Ton Portable Spot Cooler .....909.75                                                                                             |
|                         |     | Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.                                |
| <b>01 22 23 00-1408</b> |     | <b>Air Handling Unit (AHU)</b> (01 22 23 00-1311)                                                                                                         |
|                         |     | Note: Excludes operator, delivery, set-up, and removal.                                                                                                   |
| <b>01 22 23 00-1409</b> |     | <b>Air Handling Unit (AHU)</b> (01 22 23 00-1408)                                                                                                         |
| 01 22 23 00-1410        | MO  | 5,000 CFM Air Handling Unit Rental .....2,943.52                                                                                                          |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-117.74                                                                                                           |
| 01 22 23 00-1411        | MO  | 10,000 CFM Air Handling Unit Rental .....3,043.68                                                                                                         |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-121.75                                                                                                           |
| 01 22 23 00-1412        | MO  | 25,000 CFM Air Handling Unit Rental .....5,001.77                                                                                                         |
|                         |     | For >6 Months (>26 Weeks) , Deduct .....-200.07                                                                                                           |
| <b>01 22 23 00-1413</b> |     | <b>Air Handling Unit Setup</b> (01 22 23 00-1408)                                                                                                         |
| 01 22 23 00-1414        | EA  | Setup Rental Air Handling Unit .....1,039.07                                                                                                              |
|                         |     | Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane. |
| 01 22 23 00-1415        | MO  | 12" x 100' Flex Duct For AHU Rental .....288.06                                                                                                           |
|                         |     | Note: Includes four (4) 25' sections.                                                                                                                     |
| 01 22 23 00-1416        | MO  | 20" x 100' Flex Duct For AHU Rental .....348.31                                                                                                           |
|                         |     | Note: Includes four (4) 25' sections.                                                                                                                     |



|                              |  |       |
|------------------------------|--|-------|
| General Requirements         |  | 01    |
| Price and Payment Procedures |  | 01 20 |
| Unit Prices                  |  | 01 22 |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST          | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|
| 01 22 23 00-1417             | Truck And Trailer Equipment (01 22 23)                                                                                                                                         |                                    |                         |
| 01 22 23 00-1418             | Trucks (01 22 23 00-1417)<br>Note: Includes driver, delivery, and removal.                                                                                                     |                                    |                         |
| 01 22 23 00-1419             | Flat Bed Trucks (01 22 23 00-1418)<br>Note: Includes hydraulic tilt bed.                                                                                                       |                                    |                         |
| 01 22 23 00-1420             | DAY 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                        | 1,047.66<br>-753.53                |                         |
| 01 22 23 00-1421             | WK 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                         | 4,538.74<br>-3,767.64              |                         |
| 01 22 23 00-1422             | MO 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct   | 18,274.09<br>-16,326.46<br>-77.91  |                         |
| 01 22 23 00-1423             | DAY 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                           | 1,174.85<br>-753.53                |                         |
| 01 22 23 00-1424             | WK 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                            | 4,864.67<br>-3,767.64              |                         |
| 01 22 23 00-1425             | MO 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct      | 19,108.78<br>-16,326.46<br>-111.29 |                         |
| 01 22 23 00-1426             | DAY 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                       | 1,266.11<br>-753.53                |                         |
| 01 22 23 00-1427             | WK 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                        | 5,213.50<br>-3,767.64              |                         |
| 01 22 23 00-1428             | MO 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct  | 20,436.35<br>-16,326.46<br>-164.40 |                         |
| 01 22 23 00-1429             | Light Off-Road Utility Passenger Vehicles (01 22 23 00-1418)                                                                                                                   |                                    |                         |
| 01 22 23 00-1430             | DAY 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....                                                                                                           | 300.82                             |                         |
| 01 22 23 00-1431             | WK 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....                                                                                                            | 695.64                             |                         |
| 01 22 23 00-1432             | MO 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....<br>For >6 Months (>26 Weeks) , Deduct                                                                      | 1,504.08<br>-60.16                 |                         |
| 01 22 23 00-1433             | DAY 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....                                                                                                           | 310.22                             |                         |
| 01 22 23 00-1434             | WK 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....                                                                                                            | 723.84                             |                         |
| 01 22 23 00-1435             | MO 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....<br>For >6 Months (>26 Weeks) , Deduct                                                                      | 1,598.08<br>-63.92                 |                         |
| 01 22 23 00-1436             | Light Duty Trucks (01 22 23 00-1418)                                                                                                                                           |                                    |                         |
| 01 22 23 00-1437             | DAY 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                      | 1,048.29<br>-749.04                |                         |
| 01 22 23 00-1438             | WK 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                       | 4,727.10<br>-3,745.19              |                         |
| 01 22 23 00-1439             | MO 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct | 18,286.48<br>-16,229.15<br>-82.29  |                         |
| 01 22 23 00-1440             | DAY 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                                            | 1,104.40<br>-749.04                |                         |
| 01 22 23 00-1441             | WK 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                                             | 4,895.42<br>-3,745.19              |                         |
| 01 22 23 00-1442             | MO 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                       | 18,660.54<br>-16,229.15<br>-97.26  |                         |
| 01 22 23 00-1443             | Boom Trucks (01 22 23 00-1418)                                                                                                                                                 |                                    |                         |
| 01 22 23 00-1444             | DAY 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                                                     | 1,301.25<br>-753.53                |                         |
| 01 22 23 00-1445             | WK 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct                                                                      | 5,193.78<br>-3,767.64              |                         |
| 01 22 23 00-1446             | MO 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver.....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                | 19,943.48<br>-16,326.46<br>-144.68 |                         |
| 01 22 23 00-1447             | Rear Dump Trucks (01 22 23 00-1418)                                                                                                                                            |                                    |                         |
| 01 22 23 00-1448             | DAY 2.5 CY Rear Dump Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                                                         | 1,145.23<br>-753.53                |                         |
| 01 22 23 00-1449             | WK 2.5 CY Rear Dump Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                                                          | 4,802.24<br>-3,767.64              |                         |
| 01 22 23 00-1450             | MO 2.5 CY Rear Dump Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct<br>For >6 Months (>26 Weeks) , Deduct                                    | 19,494.11<br>-16,326.46<br>-126.71 |                         |
| 01 22 23 00-1451             | DAY 4 CY Rear Dump Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                                                           | 1,275.09<br>-753.53                |                         |
| 01 22 23 00-1452             | WK 4 CY Rear Dump Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct                                                                            | 5,204.58<br>-3,767.64              |                         |

|              |                                     |
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| <b>01</b>    | <b>General Requirements</b>         |
| <b>01 20</b> | <b>Price and Payment Procedures</b> |
| <b>01 22</b> | <b>Unit Prices</b>                  |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 22 23 00-1453        | MO  | 4 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                        | 20,051.86                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -149.02                   |                         |
| 01 22 23 00-1454        | DAY | 6 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                        | 1,349.59                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1455        | WK  | 6 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                        | 5,364.24                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1456        | MO  | 6 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                        | 20,158.30                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -153.27                   |                         |
| 01 22 23 00-1457        | DAY | 13 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 2,233.05                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1458        | WK  | 13 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 7,184.36                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1459        | MO  | 13 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 25,267.42                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -357.64                   |                         |
| 01 22 23 00-1460        | DAY | 18 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 2,381.00                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1461        | WK  | 18 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 7,526.04                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1462        | MO  | 18 CY Rear Dump Truck With Full-Time Truck Driver .....                                                                                                       | 26,161.52                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -393.40                   |                         |
| <b>01 22 23 00-1463</b> |     | <b>Under-Bridge Inspection Trucks (01 22 23 00-1418)</b>                                                                                                      |                           |                         |
| 01 22 23 00-1464        | DAY | 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 4,586.36                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1465        | WK  | 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 20,859.99                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1466        | MO  | 40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 76,914.82                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -2,423.53                 |                         |
| 01 22 23 00-1467        | DAY | 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 5,104.31                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1468        | WK  | 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 21,895.89                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1469        | MO  | 50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 80,823.74                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -2,579.89                 |                         |
| 01 22 23 00-1470        | DAY | 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 5,415.08                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1471        | WK  | 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 23,449.74                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1472        | MO  | 60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 84,732.68                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -2,736.25                 |                         |
| 01 22 23 00-1473        | DAY | 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 6,761.75                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1474        | WK  | 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 29,665.14                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1475        | MO  | 75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....                                                                               | 104,277.31                |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -3,518.03                 |                         |
| <b>01 22 23 00-1476</b> |     | <b>Vacuum Trucks (01 22 23 00-1418)</b>                                                                                                                       |                           |                         |
| 01 22 23 00-1477        | DAY | 1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                          | 1,141.72                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1478        | WK  | 1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                          | 4,924.59                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1479        | MO  | 1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                          | 19,744.02                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -136.70                   |                         |
| 01 22 23 00-1480        | DAY | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                                   | 2,222.40                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
| 01 22 23 00-1481        | WK  | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                                   | 8,191.29                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
| 01 22 23 00-1482        | MO  | 5,000 Gallon Vacuum Truck With Full-Time Truck Driver .....                                                                                                   | 29,380.26                 |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -16,326.46                |                         |
|                         |     | <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>                                                                                                               | -522.15                   |                         |
| <b>01 22 23 00-1483</b> |     | <b>Water Trucks (01 22 23 00-1418)</b>                                                                                                                        |                           |                         |
|                         |     | Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1201 for additional discharge hose, 01 22 23 00-1522 for water trailer. |                           |                         |
| 01 22 23 00-1484        | DAY | 2,000 Gallon Water Truck With Full-Time Driver .....                                                                                                          | 1,438.57                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -753.53                   |                         |
|                         |     | <i>For Each 1,000 Gallon Of Purchased Water, Add</i>                                                                                                          | 14.51                     |                         |
| 01 22 23 00-1485        | WK  | 2,000 Gallon Water Truck With Full-Time Driver .....                                                                                                          | 5,571.57                  |                         |
|                         |     | <i>For Equipment Without Operator, Deduct</i>                                                                                                                 | -3,767.64                 |                         |
|                         |     | <i>For Each 1,000 Gallon Of Purchased Water, Add</i>                                                                                                          | 14.51                     |                         |



|                              |  |  |       |   |
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| General Requirements         |  |  | 01    | 5 |
| Price and Payment Procedures |  |  | 01 20 |   |
| Unit Prices                  |  |  | 01 22 |   |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST                   | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|
| 01 22 23 00-1486 MO 2,000 Gallon Water Truck With Full-Time Driver .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....<br>For >6 Months (>26 Weeks) , Deduct .....             | 20,588.90<br>-16,326.46<br>14.51<br>-170.50 |                         |
| 01 22 23 00-1487 DAY 2,500 To 3,000 Gal Water Truck With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....                                                | 1,560.35<br>-753.53<br>14.51                |                         |
| 01 22 23 00-1488 WK 2,500 To 3,000 Gal Water Truck With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....                                                 | 6,416.44<br>-3,767.64<br>14.51              |                         |
| 01 22 23 00-1489 MO 2,500 To 3,000 Gal Water Truck With Full-Time Operator .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....<br>For >6 Months (>26 Weeks) , Deduct .....     | 22,925.63<br>-16,326.46<br>14.51<br>-263.97 |                         |
| 01 22 23 00-1490 DAY 3,700 To 4,000 Gallon Water Truck With Full-Time Driver .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....                                               | 1,773.47<br>-753.53<br>14.51                |                         |
| 01 22 23 00-1491 WK 3,700 To 4,000 Gallon Water Truck With Full-Time Driver .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....                                                | 6,576.28<br>-3,767.64<br>14.51              |                         |
| 01 22 23 00-1492 MO 3,700 To 4,000 Gallon Water Truck With Full-Time Driver .....<br>For Equipment Without Operator, Deduct .....<br>For Each 1,000 Gallon Of Purchased Water, Add .....<br>For >6 Months (>26 Weeks) , Deduct .....    | 23,176.81<br>-16,326.46<br>14.51<br>-274.01 |                         |
| 01 22 23 00-1493 Asphalt Distribution Trucks (01 22 23 00-1418)                                                                                                                                                                         |                                             |                         |
| 01 22 23 00-1494 DAY 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                               | 2,116.07<br>-753.53                         |                         |
| 01 22 23 00-1495 WK 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                                | 7,837.78<br>-3,767.64                       |                         |
| 01 22 23 00-1496 MO 3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....                                    | 28,358.82<br>-16,326.46<br>-481.29          |                         |
| 01 22 23 00-1497 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions<br>And Arrow Board (01 22 23 00-1418)                                                                                                             |                                             |                         |
| 01 22 23 00-1498 DAY Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck<br>Driver .....<br>For Equipment Without Operator, Deduct .....                                            | 2,053.55<br>-749.04                         |                         |
| 01 22 23 00-1499 WK Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck<br>Driver .....<br>For Equipment Without Operator, Deduct .....                                             | 7,595.15<br>-3,745.19                       |                         |
| 01 22 23 00-1500 MO Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck<br>Driver .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct ..... | 25,578.63<br>-16,229.15<br>-373.98          |                         |
| 01 22 23 00-1501 Combination Jet/Vacuum Trucks (01 22 23 00-1418)                                                                                                                                                                       |                                             |                         |
| 01 22 23 00-1502 DAY 500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                      | 3,223.12<br>-753.53                         |                         |
| 01 22 23 00-1503 WK 500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                       | 15,328.28<br>-3,767.64                      |                         |
| 01 22 23 00-1504 DAY 1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                   | 3,654.05<br>-753.53                         |                         |
| 01 22 23 00-1505 WK 1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                    | 17,835.16<br>-3,767.64                      |                         |
| 01 22 23 00-1506 DAY 2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                   | 4,068.41<br>-753.53                         |                         |
| 01 22 23 00-1507 WK 2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                    | 20,342.04<br>-3,767.64                      |                         |
| 01 22 23 00-1508 Vacuum Sweeper Trucks For Bridge Decks (01 22 23 00-1418)                                                                                                                                                              |                                             |                         |
| 01 22 23 00-1509 DAY Vacuum Sweeper Truck, With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                                                            | 2,222.40<br>-753.53                         |                         |
| 01 22 23 00-1510 WK Vacuum Sweeper Truck, With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....                                                                                                             | 8,191.29<br>-3,767.64                       |                         |
| 01 22 23 00-1511 MO Vacuum Sweeper Truck, With Full-Time Truck Driver .....<br>For Equipment Without Operator, Deduct .....<br>For >6 Months (>26 Weeks) , Deduct .....                                                                 | 29,380.26<br>-16,326.46<br>-522.15          |                         |
| 01 22 23 00-1512 Straight/Box Trucks (01 22 23 00-1418)                                                                                                                                                                                 |                                             |                         |
| 01 22 23 00-1513 DAY 18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver .....<br>Note: Includes 2,500 LB lift gate.<br>For Equipment Without Operator, Deduct .....                                                 | 879.13<br>-753.53                           |                         |
| 01 22 23 00-1514 WK 18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver .....<br>Note: Includes 2,500 LB lift gate.<br>For Equipment Without Operator, Deduct .....                                                  | 4,395.65<br>-3,767.64                       |                         |

|    |       |                              |
|----|-------|------------------------------|
| 10 | 01    | General Requirements         |
|    | 01 20 | Price and Payment Procedures |
|    | 01 22 | Unit Prices                  |



| MINOR<br>CSI UOM DESCRIPTION |     |                                                                                                                                                                    |           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------|-------------------------|
| 01 22 23 00-1515             | MO  | 18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver .....                                                                                       | 18,180.28 |                           |                         |
|                              |     | Note: Includes 2,500 LB lift gate.                                                                                                                                 |           |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -16,326.46                |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -74.15                    |                         |
| 01 22 23 00-1516             |     | Truck Mounted Accessories (01 22 23 00-1417)                                                                                                                       |           |                           |                         |
|                              |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                     |           |                           |                         |
| 01 22 23 00-1517             |     | Truck Mounted Arrow Boards (01 22 23 00-1516)                                                                                                                      |           |                           |                         |
| 01 22 23 00-1518             | DAY | Truck Mounted Arrow Board .....                                                                                                                                    | 55.92     |                           |                         |
| 01 22 23 00-1519             | WK  | Truck Mounted Arrow Board .....                                                                                                                                    | 222.39    |                           |                         |
| 01 22 23 00-1520             | MO  | Truck Mounted Arrow Board .....                                                                                                                                    | 792.98    |                           |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -31.72                    |                         |
| 01 22 23 00-1521             |     | Trailers (01 22 23 00-1417)                                                                                                                                        |           |                           |                         |
|                              |     | Note: Includes delivery to job site and pick-up when complete.                                                                                                     |           |                           |                         |
| 01 22 23 00-1522             |     | Water Trailers With Pump (01 22 23 00-1521)                                                                                                                        |           |                           |                         |
| 01 22 23 00-1523             | DAY | 500 To 600 Gallon Water Trailer With Pump .....                                                                                                                    | 175.06    |                           |                         |
| 01 22 23 00-1524             | WK  | 500 To 600 Gallon Water Trailer With Pump .....                                                                                                                    | 449.08    |                           |                         |
| 01 22 23 00-1525             | MO  | 500 To 600 Gallon Water Trailer With Pump .....                                                                                                                    | 1,202.62  |                           |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -48.10                    |                         |
| 01 22 23 00-1526             |     | Refrigerated Trailers (01 22 23 00-1521)                                                                                                                           |           |                           |                         |
|                              |     | Note: Excludes electrical supply and connection                                                                                                                    |           |                           |                         |
| 01 22 23 00-1527             | MO  | 8' x 40' Refrigerated Container Trailer .....                                                                                                                      | 2,097.36  |                           |                         |
|                              |     | Note: Requires 460 volt, 3 phase electrical power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring. |           |                           |                         |
| 01 22 23 00-1528             |     | Trailer Mounted Equipment (01 22 23 00-1417)                                                                                                                       |           |                           |                         |
| 01 22 23 00-1529             |     | Trailer Mounted Under-Bridge Aerial Access Platform (01 22 23 00-1528)                                                                                             |           |                           |                         |
|                              |     | Note: Includes full-time operator. Excludes truck.                                                                                                                 |           |                           |                         |
| 01 22 23 00-1530             | DAY | Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator .....                                                                                       | 2,900.67  |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -753.53                   |                         |
| 01 22 23 00-1531             | WK  | Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator .....                                                                                       | 10,209.05 |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -3,767.64                 |                         |
| 01 22 23 00-1532             | MO  | Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator .....                                                                                       | 34,219.28 |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -16,326.46                |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -715.71                   |                         |
| 01 22 23 00-1533             | DAY | Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator .....                                                                                       | 3,115.38  |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -753.53                   |                         |
| 01 22 23 00-1534             | WK  | Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator .....                                                                                       | 10,853.20 |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -3,767.64                 |                         |
| 01 22 23 00-1535             | MO  | Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator .....                                                                                       | 36,008.56 |                           |                         |
|                              |     | For Equipment Without Operator, Deduct                                                                                                                             |           | -16,326.46                |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -787.28                   |                         |
| 01 22 23 00-1536             |     | Trailer Mounted Bridge Stripping Buggy (01 22 23 00-1528)                                                                                                          |           |                           |                         |
| 01 22 23 00-1537             | DAY | Trailer Mounted Bridge Overhang Stripping Buggy .....                                                                                                              | 243.64    |                           |                         |
| 01 22 23 00-1538             | WK  | Trailer Mounted Bridge Overhang Stripping Buggy .....                                                                                                              | 730.96    |                           |                         |
| 01 22 23 00-1539             | MO  | Trailer Mounted Bridge Overhang Stripping Buggy .....                                                                                                              | 2,030.36  |                           |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -81.21                    |                         |
| 01 22 23 00-1540             |     | Portable Trailer Mounted, CCTV Camera Systems (01 22 23 00-1528)                                                                                                   |           |                           |                         |
|                              |     | Note: Includes trailer. Excludes truck.                                                                                                                            |           |                           |                         |
| 01 22 23 00-1541             | MO  | Portable Trailer Mounted, Single Camera, CCTV Camera System .....                                                                                                  | 2,820.15  |                           |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -112.81                   |                         |
| 01 22 23 00-1542             | MO  | Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System .....                                                                                      | 4,888.26  |                           |                         |
|                              |     | For >6 Months (>26 Weeks) , Deduct                                                                                                                                 |           | -195.53                   |                         |

01 30 Administrative Requirements (01)

01 35 Special Procedures (01 30)

01 35 13 Special Project Procedures (01 35)

01 35 13 19 Special Project Procedures for Healthcare Facilities (01 35 13)

Note: For specification publishing. Review specifications for requirements.

|                  |     |                                                                             |      |
|------------------|-----|-----------------------------------------------------------------------------|------|
| 01 35 13 19-0001 | NTE | Special Project Procedures for Healthcare Facilities .....                  | 0.00 |
|                  |     | Note: For specification publishing. Review specifications for requirements. |      |

01 35 29 Health, Safety, and Emergency Response Procedures (01 35)

See CSI section 02 90 00 00-0000 for disaster recovery task.



|                             |  |       |
|-----------------------------|--|-------|
| General Requirements        |  | 01    |
| Administrative Requirements |  | 01 30 |
| Special Procedures          |  | 01 35 |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 35 29 00-0001             | <b>Emergency Response</b> (01 35 29)<br>See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0065 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0029 for container usage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 35 29 00-0002             | MI Trucking Delivery Of 20' Shipping Container .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.62                      |                         |
| 01 35 29 00-0003             | MI Trucking Delivery Of 40' Shipping Container .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5.24                      |                         |
| 01 35 33                     | <b>Infection Control Procedures</b> (01 35)<br>See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                           |                         |
| 01 35 33 00-0001             | <b>Infection Control Consumable Materials</b> (01 35 33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| 01 35 33 00-0002             | EA N95 Rated Masks .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.22                      |                         |
| 01 35 33 00-0003             | Pair Black Nitrile Disposable Gloves .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.28                      |                         |
| 01 35 33 00-0004             | EA Disposable 3-Ply Face Masks (Blue) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.63                      |                         |
| 01 35 33 00-0005             | WK Portable Hand Washing Station With 2 x Weekly Service .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 276.15                    |                         |
| 01 35 33 00-0006             | <b>Infection Control Procedures</b> (01 35 33)<br>Note: Contractors entering and working on job sites may be required to take precautions to prevent the spread of infectious diseases. Those precautions will reduce the amount of productive time during a normal workday. The recommended allowances in this section are intended to provide for the loss of productive time by increasing labor costs. The estimator should be aware that one, many or none of these precautions apply to the line items in an estimate. Job site requirements and sound judgement must be applied. Labor Cost implications are based upon: Temperature checks - Once per day; Donning / Doffing Masks and Gloves - Four times per day (2 times each); Washing hands (additional over normal) - Eight times per day; Informational meetings - Once per day; Maintaining social distance - Throughout the day; Disinfecting tools or equipment - Throughout the day |                           |                         |
| 01 35 33 00-0007             | NTE Infection Control Procedures .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.00                      |                         |
|                              | Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 35 33 00-0008             | <b>Infection Prevention Inspection Reports</b> (01 35 33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 01 35 33 00-0009             | HR Infection Prevention Inspection Reports .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 105.00                    |                         |
| 01 40                        | <b>Quality Requirements</b> (01)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| 01 41                        | <b>Regulatory Requirements</b> (01 40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 01 41 26                     | <b>Permit Requirements</b> (01 41)<br>See CSI section 01 22 16 00-0001 for reimbursable fees.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 01 42                        | <b>References</b> (01 40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 01 42 13                     | <b>Abbreviations and Acronyms</b> (01 42)<br>Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| 01 42 13 00-0001             | NTE Abbreviations And Acronyms .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.00                      |                         |
|                              | Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 42 16                     | <b>Definitions</b> (01 42)<br>Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 01 42 16 00-0001             | NTE Definitions .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.00                      |                         |
|                              | Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 42 19                     | <b>Reference Standards</b> (01 42)<br>Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 01 42 19 00-0001             | NTE Reference Standards .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.00                      |                         |
|                              | Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 42 21                     | <b>Construction Suppliers or Venor List</b> (01 42)<br>Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| 01 42 21 00-0001             | NTE Construction Suppliers or Venor List .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.00                      |                         |
|                              | Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 45                        | <b>Quality Control</b> (01 40)<br>Note: Refer to section specifications for testing included with other sections.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 01 45 23                     | <b>Testing and Inspecting Services</b> (01 45)<br>Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| 01 45 23 00-0001             | <b>Soils/Aggregate Testing</b> (01 45 23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 01 45 23 00-0002             | <b>Field Soils Tests</b> (01 45 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 45 23 00-0003             | EA Plasticity Index Soils Test, ASTM D-4318, Field Soils Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 343.56                    |                         |
| 01 45 23 00-0004             | EA 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 487.63                    |                         |
| 01 45 23 00-0005             | EA 6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 554.12                    |                         |
| 01 45 23 00-0006             | EA Resistance (R) Value Soils Test, CA 301, Field Soils Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 443.30                    |                         |

**01 General Requirements****01 40 Quality Requirements****01 45 Quality Control**

| MINOR<br>CSI UOM DESCRIPTION                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 45 23 00-0007 EA Soils Classification Test, ASTM D-2487, Field Soils Test.....                   | 664.95                    |                         |
| 01 45 23 00-0008 SET Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....      | 1,329.47                  |                         |
| 01 45 23 00-0009 EA Moisture Content, Field Soils Test.....                                         | 49.86                     |                         |
| 01 45 23 00-0010 EA UBC Or Swell Test, Field Soils Test.....                                        | 132.99                    |                         |
| 01 45 23 00-0011 EA Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....            | 332.37                    |                         |
| 01 45 23 00-0012 EA Proctor Compaction 6" Standard Mold, Field Soils Test.....                      | 415.46                    |                         |
| 01 45 23 00-0013 EA Density And Classification Test, Field Soils Test.....                          | 101.23                    |                         |
| 01 45 23 00-0014 EA Percolation Test, Field Soils Test.....                                         | 253.08                    |                         |
| 01 45 23 00-0015 EA Infiltration Test, Field Soils Test.....                                        | 506.16                    |                         |
| <b>01 45 23 00-0016 Aggregate Testing (01 45 23 00-0001)</b>                                        |                           |                         |
| 01 45 23 00-0017 EA Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....                   | 110.82                    |                         |
| 01 45 23 00-0018 EA Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....                     | 199.48                    |                         |
| 01 45 23 00-0019 EA Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....                 | 277.06                    |                         |
| 01 45 23 00-0020 EA Sieve Analysis, Pit Run, ASTM C136.....                                         | 164.50                    |                         |
| Note: Includes wash.                                                                                |                           |                         |
| 01 45 23 00-0021 EA Specific Special Gravity, Course, ASTM C127.....                                | 176.08                    |                         |
| Note: Includes absorption test.                                                                     |                           |                         |
| 01 45 23 00-0022 EA Special Gravity, Fine, ASTM C127.....                                           | 157.87                    |                         |
| Note: Includes absorption test.                                                                     |                           |                         |
| 01 45 23 00-0023 EA Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....                | 234.78                    |                         |
| 01 45 23 00-0024 EA Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....                  | 221.65                    |                         |
| 01 45 23 00-0025 EA Aggregate Cleanness Value, ASTM C-128, CA 227.....                              | 221.65                    |                         |
| 01 45 23 00-0026 EA Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....                    | 166.24                    |                         |
| 01 45 23 00-0027 EA Fine Aggregate Durability Index, CA 229.....                                    | 177.32                    |                         |
| 01 45 23 00-0028 EA Sodium And Magnesium Soundness, ASTM C88.....                                   | 465.31                    |                         |
| 01 45 23 00-0029 EA Los Angeles Rattler, ASTM C-131, CA 211.....                                    | 354.64                    |                         |
| 01 45 23 00-0030 EA Los Angeles Rattler, ASTM C-535.....                                            | 354.64                    |                         |
| 01 45 23 00-0031 EA Unit Weight Of Aggregates, ASTM C29.....                                        | 99.74                     |                         |
| 01 45 23 00-0032 EA Organic Impurities In Sand, ASTM C40.....                                       | 99.71                     |                         |
| 01 45 23 00-0033 EA Crushed Particle, ASTM California Test Method.....                              | 99.71                     |                         |
| 01 45 23 00-0034 EA Clay Lump And Friable Particles, ASTM C142.....                                 | 199.42                    |                         |
| <b>01 45 23 00-0035 Permeability Tests (01 45 23 00-0001)</b>                                       |                           |                         |
| <b>01 45 23 00-0036 In-Place Tests (01 45 23 00-0035)</b>                                           |                           |                         |
| 01 45 23 00-0037 EA Double Ring Infiltrometer Test, ASTM D3385.....                                 | 1,760.85                  |                         |
| 01 45 23 00-0038 EA Unconfined Compressive Strength (Pocket Penetrometer) Test.....                 | 83.09                     |                         |
| <b>01 45 23 00-0039 Lab Tests (01 45 23 00-0035)</b>                                                |                           |                         |
| 01 45 23 00-0040 EA Falling Head Rigid Wall Consolidometer Technique CAE.....                       | 821.73                    |                         |
| 01 45 23 00-0041 EA Falling Head Permeability Test EPA-9100.....                                    | 821.73                    |                         |
| 01 45 23 00-0042 EA Constant Head Permeability Test For Granular Soils, ASTM D2432.....             | 469.56                    |                         |
| <b>01 45 23 00-0043 Concrete/Cement/Asphalt Testing (01 45 23)</b>                                  |                           |                         |
| <b>01 45 23 00-0044 Concrete Testing (01 45 23 00-0043)</b>                                         |                           |                         |
| 01 45 23 00-0045 EA Prepare 6 x 12 Concrete Cylinder And Deliver To Lab.....                        | 24.77                     |                         |
| 01 45 23 00-0046 EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633.....         | 70.43                     |                         |
| 01 45 23 00-0047 EA Concrete Cores Compression Test, ASTM C-42.....                                 | 144.07                    |                         |
| 01 45 23 00-0048 EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78.....                               | 210.57                    |                         |
| 01 45 23 00-0049 EA Unit Weight Of Concrete Cylinder, ASTM C-567.....                               | 77.58                     |                         |
| 01 45 23 00-0050 EA Concrete Mix Design Review.....                                                 | 421.14                    |                         |
| 01 45 23 00-0051 EA Trial Concrete Batch Prepared In Laboratory.....                                | 997.42                    |                         |
| 01 45 23 00-0052 EA Concrete Shrinkage, ASTM C-157 Modified.....                                    | 775.78                    |                         |
| 01 45 23 00-0053 EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....                | 119.69                    |                         |
| 01 45 23 00-0054 EA Concrete Slump Test, ASTM C143.....                                             | 55.41                     |                         |
| 01 45 23 00-0055 EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231.....              | 55.41                     |                         |
| <b>01 45 23 00-0056 Cement Testing (01 45 23 00-0043)</b>                                           |                           |                         |
| 01 45 23 00-0057 EA Cement Grab Sample (CCR Title 24).....                                          | 55.41                     |                         |
| Note: Includes sealing and storing 1 year.                                                          |                           |                         |
| 01 45 23 00-0058 EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....                     | 88.66                     |                         |
| <b>01 45 23 00-0059 Asphaltic Concrete Testing (01 45 23 00-0043)</b>                               |                           |                         |
| 01 45 23 00-0060 EA Hveem Asphaltic Concrete Stability Test, CA 366.....                            | 110.82                    |                         |
| 01 45 23 00-0061 EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927..... | 288.14                    |                         |
| 01 45 23 00-0062 EA Stability Tests, Premixed, ASTM D1559.....                                      | 110.82                    |                         |
| 01 45 23 00-0063 EA Stability Tests, Lab. Mixed, ASTM D1559.....                                    | 288.14                    |                         |
| 01 45 23 00-0064 EA Swell Test, CA 305.....                                                         | 132.99                    |                         |
| Note: Includes compaction.                                                                          |                           |                         |
| 01 45 23 00-0065 EA % Asphalt Extraction Test, ASTM D-2172 B.....                                   | 332.48                    |                         |
| 01 45 23 00-0066 EA Gradation On Extracted Sample, ASTM D-5444.....                                 | 221.65                    |                         |
| 01 45 23 00-0067 EA Maximum Theoretical Unit Weight, ASTM C2041.....                                | 211.30                    |                         |
| 01 45 23 00-0068 EA Unit Weight Sample Requiring Compaction, California Test Method 308.....        | 44.33                     |                         |





|                      |  |  |       |
|----------------------|--|--|-------|
| General Requirements |  |  | 01    |
| Quality Requirements |  |  | 01 40 |
| Quality Control      |  |  | 01 45 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                      |     |                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 45 23 00-0069                                                                                                                                                                                                                                                                                                                  | EA  | Asphalt Unit Weight On Core Test, CA 308C .....                                                          | 44.33                     |                         |
| 01 45 23 00-0070                                                                                                                                                                                                                                                                                                                  | HR  | Nuclear Field Density Testing, 4 Hour Minimum.....                                                       | 228.30                    |                         |
| 01 45 23 00-0071                                                                                                                                                                                                                                                                                                                  | EA  | Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664 .....                                        | 113.89                    |                         |
| 01 45 23 00-0072                                                                                                                                                                                                                                                                                                                  | EA  | Penetration, ASTM D5.....                                                                                | 160.10                    |                         |
| 01 45 23 00-0073                                                                                                                                                                                                                                                                                                                  |     | Masonry/Concrete Block/Tile Testing (01 45 23)                                                           |                           |                         |
| 01 45 23 00-0074                                                                                                                                                                                                                                                                                                                  |     | Masonry Testing (01 45 23 00-0073)                                                                       |                           |                         |
| 01 45 23 00-0075                                                                                                                                                                                                                                                                                                                  | EA  | 2" x 4" Cylinder Mortar Compression Test.....                                                            | 73.14                     |                         |
| 01 45 23 00-0076                                                                                                                                                                                                                                                                                                                  | EA  | 4" x 4" x 8" Grout Prisms Compression Test .....                                                         | 73.14                     |                         |
| 01 45 23 00-0077                                                                                                                                                                                                                                                                                                                  | EA  | Masonry Cores Compression Test .....                                                                     | 144.07                    |                         |
| 01 45 23 00-0078                                                                                                                                                                                                                                                                                                                  | EA  | Composite Grouted Prism Compression Test.....                                                            | 277.06                    |                         |
| 01 45 23 00-0079                                                                                                                                                                                                                                                                                                                  |     | Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0073)                                |                           |                         |
| 01 45 23 00-0080                                                                                                                                                                                                                                                                                                                  | EA  | Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....                                     | 177.32                    |                         |
| 01 45 23 00-0081                                                                                                                                                                                                                                                                                                                  | EA  | Absorption Test, Moisture Content And Unit Weight.....                                                   | 121.91                    |                         |
| 01 45 23 00-0082                                                                                                                                                                                                                                                                                                                  | EA  | First Unit, Moisture Condition By Relative Humidity, ASTM C427 .....                                     | 465.31                    |                         |
| 01 45 23 00-0083                                                                                                                                                                                                                                                                                                                  | EA  | Moisture Condition By Relative Humidity, ASTM C427, Additional Unit .....                                | 232.66                    |                         |
| 01 45 23 00-0084                                                                                                                                                                                                                                                                                                                  |     | Metals Testing (01 45 23)                                                                                |                           |                         |
| 01 45 23 00-0085                                                                                                                                                                                                                                                                                                                  |     | Tank Tightness Testing (01 45 23 00-0084)                                                                |                           |                         |
| 01 45 23 00-0086                                                                                                                                                                                                                                                                                                                  | GAL | Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks .....                               | 7.80                      |                         |
| 01 45 23 00-0087                                                                                                                                                                                                                                                                                                                  | GAL | >20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks .....                             | 6.69                      |                         |
| 01 45 23 00-0088                                                                                                                                                                                                                                                                                                                  | EA  | Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....                                             | 2,006.82                  |                         |
| 01 45 23 00-0089                                                                                                                                                                                                                                                                                                                  | EA  | >12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing .....                                       | 2,451.99                  |                         |
| 01 45 23 00-0090                                                                                                                                                                                                                                                                                                                  | EA  | >29,999 Gallons, Tank Volumetric Tightness Testing .....                                                 | 3,122.72                  |                         |
| 01 45 23 00-0091                                                                                                                                                                                                                                                                                                                  |     | Tank Line Tightness Testing (01 45 23 00-0084)                                                           |                           |                         |
| 01 45 23 00-0092                                                                                                                                                                                                                                                                                                                  | EA  | Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing .....                                       | 423.45                    |                         |
| 01 45 23 00-0093                                                                                                                                                                                                                                                                                                                  | EA  | >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....                                   | 470.20                    |                         |
| 01 45 23 00-0094                                                                                                                                                                                                                                                                                                                  | EA  | >29,999 Gallons, Tank Line Volumetric Tightness Testing.....                                             | 516.78                    |                         |
| 01 45 23 00-0095                                                                                                                                                                                                                                                                                                                  |     | Other Testing (01 45 23)                                                                                 |                           |                         |
| 01 45 23 00-0096                                                                                                                                                                                                                                                                                                                  |     | Special Testing (01 45 23 00-0095)                                                                       |                           |                         |
| 01 45 23 00-0097                                                                                                                                                                                                                                                                                                                  | EA  | Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....                                           | 166.18                    |                         |
| 01 45 23 00-0098                                                                                                                                                                                                                                                                                                                  | EA  | Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617 .....                                          | 997.10                    |                         |
| 01 45 23 00-0099                                                                                                                                                                                                                                                                                                                  | EA  | Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria) .....                                       | 51.80                     |                         |
| 01 45 23 00-0100                                                                                                                                                                                                                                                                                                                  | EA  | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....            | 214.85                    |                         |
| 01 45 23 00-0101                                                                                                                                                                                                                                                                                                                  | EA  | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample.....             | 214.85                    |                         |
| 01 45 23 00-0102                                                                                                                                                                                                                                                                                                                  | EA  | Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample..... | 214.85                    |                         |
| 01 45 23 00-0103                                                                                                                                                                                                                                                                                                                  | EA  | Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample .....             | 1,181.68                  |                         |
| 01 45 23 00-0104                                                                                                                                                                                                                                                                                                                  | EA  | Testing And Certification Of Backflow Valves .....                                                       | 520.77                    |                         |
| 01 45 23 00-0105                                                                                                                                                                                                                                                                                                                  |     | Non-destructive Field Testing Services (01 45 23 00-0095)                                                |                           |                         |
| 01 45 23 00-0106                                                                                                                                                                                                                                                                                                                  |     | Infrared Thermography (01 45 23 00-0105)                                                                 |                           |                         |
| Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task. |     |                                                                                                          |                           |                         |
| 01 45 23 00-0107                                                                                                                                                                                                                                                                                                                  |     | Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0106)                    |                           |                         |
| Note: For on the roof surveys.                                                                                                                                                                                                                                                                                                    |     |                                                                                                          |                           |                         |
| 01 45 23 00-0108                                                                                                                                                                                                                                                                                                                  | EA  | Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....             | 3,867.30                  |                         |
| 01 45 23 00-0109                                                                                                                                                                                                                                                                                                                  | CSF | Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography .....                | 6.45                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For CADD Drawings, Add .....                                                                             | 1.29                      |                         |
| 01 45 23 00-0110                                                                                                                                                                                                                                                                                                                  | CSF | >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....            | 4.30                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For CADD Drawings, Add .....                                                                             | 0.86                      |                         |
| 01 45 23 00-0111                                                                                                                                                                                                                                                                                                                  | CSF | >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....           | 3.22                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For CADD Drawings, Add .....                                                                             | 0.64                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Elevated Infrared Thermography Roof Investigation, Add .....                                         | 0.81                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Aerial Infrared Thermography Roof Investigation, Add .....                                           | 0.81                      |                         |
| 01 45 23 00-0112                                                                                                                                                                                                                                                                                                                  | CSF | >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....                     | 2.15                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For CADD Drawings, Add .....                                                                             | 0.43                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Elevated Infrared Thermography Roof Investigation, Add .....                                         | 0.54                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Aerial Infrared Thermography Roof Investigation, Add .....                                           | 0.54                      |                         |
| 01 45 23 00-0113                                                                                                                                                                                                                                                                                                                  |     | Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0106)                           |                           |                         |
| Note: For finding moisture in walls and windows.                                                                                                                                                                                                                                                                                  |     |                                                                                                          |                           |                         |
| 01 45 23 00-0114                                                                                                                                                                                                                                                                                                                  | EA  | Building Moisture Investigation Using Infrared Thermography, Mobilization Charge .....                   | 2,041.08                  |                         |
| 01 45 23 00-0115                                                                                                                                                                                                                                                                                                                  | CSF | Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography .....                        | 6.45                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Digital Or Analog Recording Of All Items, Add .....                                                  | 3.23                      |                         |
| 01 45 23 00-0116                                                                                                                                                                                                                                                                                                                  | CSF | >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography .....                    | 4.30                      |                         |
|                                                                                                                                                                                                                                                                                                                                   |     | For Digital Or Analog Recording Of All Items, Add .....                                                  | 2.15                      |                         |

**01 General Requirements****01 40 Quality Requirements****01 45 Quality Control**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

01 45 23 00-0117 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography .....2.15  
For Digital Or Analog Recording Of All Items, Add 1.08

**01 45 23 00-0118 General Building Investigation Using Infrared Thermography (01 45 23 00-0106)**

Note: For finding missing or misplaced insulation, air leakage and delamination.

01 45 23 00-0119 EA General Building Investigation Using Infrared Thermography, Mobilization Charge .....4,189.58  
01 45 23 00-0120 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography .....6.45  
For Digital Or Analog Recording Of All Items, Add 3.23  
01 45 23 00-0121 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography .....4.30  
For Digital Or Analog Recording Of All Items, Add 2.15  
01 45 23 00-0122 CSF >5,000 SF, General Building Investigation Using Infrared Thermography .....2.15  
For Digital Or Analog Recording Of All Items, Add 1.08

**01 45 23 00-0123 Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0106)**

Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.

01 45 23 00-0124 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge .....2,041.08  
01 45 23 00-0125 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography .....218.93  
For Digital Or Analog Recording Of All Items, Add 32.77

**01 45 23 00-0126 Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0106)**

Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.

01 45 23 00-0127 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge .....2,041.08  
01 45 23 00-0128 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography .....6.45  
For Digital Or Analog Recording Of All Items, Add 0.97  
01 45 23 00-0129 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography .....4.30  
For Digital Or Analog Recording Of All Items, Add 0.65

**01 45 23 00-0130 Other Non-destructive Field Testing Services (01 45 23 00-0105)**

01 45 23 00-0131 HR ASNT Certified Level I NDT Consultant .....73.25  
01 45 23 00-0132 HR ASNT Certified Level II NDT Consultant .....81.68  
01 45 23 00-0133 HR ASNT Certified Level III NDT Consultant .....94.98  
01 45 23 00-0134 HR Certified Industrial Radiography Radiation Safety Personnel .....113.95

**01 45 29 Testing Laboratory Services (01 45)**

Note: For application to existing materials/site conditions or additional testing over specifications stated tests.

**01 45 29 00-0001 Soil Borings Laboratory Tests (01 45 29)**

01 45 29 00-0002 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test .....152.61  
01 45 29 00-0003 EA Shrinkage Limit, Soil Borings Laboratory Test .....48.69  
01 45 29 00-0004 EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test .....117.39  
01 45 29 00-0005 EA Consolidation, Soil Borings Laboratory Test .....821.73  
01 45 29 00-0006 EA Swell Test, Soil Borings Laboratory Test .....128.83  
01 45 29 00-0007 EA In Place Density, Soil Borings Laboratory Test .....35.22  
01 45 29 00-0008 EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test .....21.88  
01 45 29 00-0009 EA Hydrometer Analysis, Soil Borings Laboratory Test .....282.46  
01 45 29 00-0010 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test .....98.48  
01 45 29 00-0011 EA Partial Sieve Analysis, Soil Borings Laboratory Test .....19.48  
01 45 29 00-0012 EA Laboratory Permeability, Soil Borings Laboratory Test .....973.77  
01 45 29 00-0013 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test .....196.96  
01 45 29 00-0014 EA Sulfate Soundness, Soil Borings Laboratory Test .....243.44  
01 45 29 00-0015 EA Los Angeles Abrasion, Soil Borings Laboratory Test .....450.63  
01 45 29 00-0016 EA Soil Bearing Ratio, ASTM D1883 .....498.71  
01 45 29 00-0017 EA Compaction Test Subgrade, Soil Borings Laboratory Test .....146.07  
01 45 29 00-0018 EA Compaction Test Base Course, Soil Borings Laboratory Test .....162.29  
01 45 29 00-0019 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test .....348.32  
01 45 29 00-0020 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test .....74.66

**01 50 Temporary Facilities and Controls (01)**

Note: Tasks in this section shall be used as directed by owner.

**01 51 Temporary Utilities (01 50)****01 51 13 Temporary Electricity (01 51)****01 51 13 00-0001 Temporary Power Pole Rentals (01 51 13)**

Note: Includes installation in ground and removal after use.

01 51 13 00-0002 MON 17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service .....90.93  
01 51 13 00-0003 MON 17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service .....109.11  
01 51 13 00-0004 EA Power Installation For 100 Amperes Service .....909.26  
Note: One time fee  
01 51 13 00-0005 EA Power Installation For 200 Amperes Service .....1,091.11  
Note: One time fee



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Utilities               |  |  | 01 51 |

| MINOR               |                                                                                                                                                                                                                                    | TOTAL DIRECT |  | DEMOLITION |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                                                                                                    | UNIT COST    |  | UNIT COST  |
| 01 51 13 00-0006    | Temporary Service Switch And/or Building Feeder Switch (01 51 13)<br>Note: Includes all connections and removal after use.                                                                                                         |              |  |            |
| 01 51 13 00-0007    | EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses .....                                                                                                                                                         | 1,564.95     |  |            |
| 01 51 13 00-0008    | EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses .....                                                                                                                                                         | 2,427.63     |  |            |
| 01 51 13 00-0009    | EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses .....                                                                                                                                                    | 4,454.09     |  |            |
| 01 51 13 00-0010    | EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses .....                                                                                                                                                    | 7,326.35     |  |            |
| 01 51 13 00-0011    | Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses (01 51 13)<br>Note: Includes mounting on wall and removal after use.                                                                                         |              |  |            |
| 01 51 13 00-0012    | EA Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....                                                                                                                                                      | 1,624.91     |  |            |
| 01 51 13 00-0013    | EA Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....                                                                                                                                                      | 2,267.75     |  |            |
| 01 51 13 00-0014    | EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....                                                                                                                                                      | 3,548.47     |  |            |
| 01 51 13 00-0015    | EA Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....                                                                                                                                                      | 5,042.68     |  |            |
| 01 51 13 00-0016    | Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards (01 51 13)<br>Note: Includes all connections, fittings, supports and removal after use.                                                    |              |  |            |
| 01 51 13 00-0017    | LF Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards .....                                                                                                                     | 11.83        |  |            |
| 01 51 13 00-0018    | LF Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards .....                                                                                                                   | 12.96        |  |            |
| 01 51 26            | Temporary Lighting (01 51)                                                                                                                                                                                                         |              |  |            |
| 01 51 26 00-0001    | Temporary Lighting Devices (01 51 26)<br>Note: Includes removal after use.                                                                                                                                                         |              |  |            |
| 01 51 26 00-0002    | EA Temporary Exit Light.....                                                                                                                                                                                                       | 296.50       |  |            |
| 01 51 26 00-0003    | EA Temporary 10 Light String With Cages.....                                                                                                                                                                                       | 107.76       |  |            |
| 01 51 26 00-0004    | EA Temporary High Bay Light.....                                                                                                                                                                                                   | 405.97       |  |            |
| 01 52               | Construction Facilities (01 50)<br>Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required. |              |  |            |
| 01 52 13            | Field Offices and Sheds (01 52)                                                                                                                                                                                                    |              |  |            |
| 01 52 13 00-0001    | Field Offices and Office Trailers (01 52 13)<br>Note: Excludes furniture, utility connections and service. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.                           |              |  |            |
| 01 52 13 00-0002    | MO 8' x 24' Mobile Office, With Toilet.....                                                                                                                                                                                        | 188.83       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,182.38     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 440.31       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
|                     | For Office Trailer Without Toilet, Deduct                                                                                                                                                                                          | -37.77       |  |            |
| 01 52 13 00-0003    | MO 8' x 32' Mobile Office, With Toilet.....                                                                                                                                                                                        | 214.01       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,182.38     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 440.31       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
|                     | For Office Trailer Without Toilet, Deduct                                                                                                                                                                                          | -42.80       |  |            |
| 01 52 13 00-0004    | MO 10' x 36' Mobile Office, With Toilet.....                                                                                                                                                                                       | 289.54       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,773.57     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 718.39       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
|                     | For Office Trailer Without Toilet, Deduct                                                                                                                                                                                          | -57.91       |  |            |
| 01 52 13 00-0005    | MO 10' x 40' Mobile Office, With Toilet.....                                                                                                                                                                                       | 308.43       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,773.57     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 718.39       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
|                     | For Office Trailer Without Toilet, Deduct                                                                                                                                                                                          | -61.69       |  |            |
| 01 52 13 00-0006    | MO 10' x 44' Mobile Office, With Toilet.....                                                                                                                                                                                       | 339.90       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,773.57     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 718.39       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
| 01 52 13 00-0007    | MO 10' x 50' Mobile Office, With Toilet.....                                                                                                                                                                                       | 358.78       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,773.57     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 718.39       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
| 01 52 13 00-0008    | MO 12' x 32' Mobile Office, With Toilet.....                                                                                                                                                                                       | 277.58       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 1,773.57     |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 718.39       |  |            |
|                     | For Each Anchoring Into Dirt, Add                                                                                                                                                                                                  | 134.27       |  |            |
|                     | For Each Anchoring Into Asphalt Or Concrete, Add                                                                                                                                                                                   | 201.40       |  |            |
|                     | For Each Delivery And Removal, Two Round Trips, Add                                                                                                                                                                                | 753.44       |  |            |
|                     | For Each Set-Up (Block And Level), Add                                                                                                                                                                                             | 579.35       |  |            |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 52</b> | <b>Construction Facilities</b>           |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 52 13 00-0009 | MO  | 12' x 44' Mobile Office, With Toilet.....                                                  | 371.12                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 1,773.57                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 718.39                    |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0010 | MO  | 12' x 50' Mobile Office, With Toilet.....                                                  | 421.72                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 1,773.57                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 718.39                    |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0011 | MO  | 12' x 60' Mobile Office, With Toilet.....                                                  | 459.49                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 1,773.57                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 718.39                    |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0012 | MO  | 24' x 60' Modular Office, With Toilet.....                                                 | 1,007.10                  |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 3,547.14                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 1,158.70                  |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0013 | MO  | 24' x 72' Modular Office, With Toilet.....                                                 | 1,208.52                  |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 3,547.14                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 1,158.70                  |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0014 | MO  | 30' x 30' Modular Office, With Toilet.....                                                 | 574.36                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 3,547.14                  |                         |
|                  |     | For Each Set-Up (Block And Level), Add                                                     | 1,158.70                  |                         |
|                  |     | For Each Anchoring Into Dirt, Add                                                          | 134.27                    |                         |
|                  |     | For Each Anchoring Into Asphalt Or Concrete, Add                                           | 201.40                    |                         |
| 01 52 13 00-0015 |     | <b>Accessories For Field Office Trailers</b> (01 52 13)                                    |                           |                         |
|                  |     | Note: Costs includes installation or placement in trailer.                                 |                           |                         |
| 01 52 13 00-0016 | MO  | Desk For Field Office Trailer.....                                                         | 57.18                     |                         |
| 01 52 13 00-0017 | MO  | Rolling Desk Chair For Field Office Trailer.....                                           | 35.74                     |                         |
| 01 52 13 00-0018 | MO  | File Cabinet For Field Office Trailer.....                                                 | 42.88                     |                         |
| 01 52 13 00-0019 | MO  | Table For Field Office Trailer.....                                                        | 28.59                     |                         |
| 01 52 13 00-0020 | MO  | Folding Chair For Field Office Trailer.....                                                | 13.54                     |                         |
| 01 52 13 00-0021 | EA  | Phone Hook-Up For Field Office Trailer.....                                                | 157.24                    |                         |
| 01 52 13 00-0022 | MO  | Local Phone Service Per Phone Line For Field Office Trailer.....                           | 100.06                    |                         |
| 01 52 13 00-0023 | MO  | Security System With Monitoring For Field Office Trailer.....                              | 180.17                    |                         |
| 01 52 13 00-0024 | LF  | Perimeter Trailer Vinyl Skirting For Field Office Trailer.....                             | 16.12                     |                         |
| 01 52 13 00-0025 | LF  | Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer.....                   | 38.17                     |                         |
| 01 52 13 00-0026 | MO  | Fax Machine For Field Office Trailer.....                                                  | 71.47                     |                         |
| 01 52 13 00-0027 | MO  | Copier For Field Office Trailer.....                                                       | 114.36                    |                         |
| 01 52 13 00-0028 | MO  | Steps For Field Office Trailer.....                                                        | 47.00                     |                         |
| 01 52 13 00-0029 |     | <b>Storage Containers</b> (01 52 13)                                                       |                           |                         |
| 01 52 13 00-0030 | MO  | 8' x 8' x 10' Storage Container.....                                                       | 209.52                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 146.37                    |                         |
|                  |     | For >12 Months, Deduct                                                                     | -62.86                    |                         |
| 01 52 13 00-0031 | MO  | 8' x 8' x 20' Storage Container.....                                                       | 219.04                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 161.00                    |                         |
|                  |     | For >12 Months, Deduct                                                                     | -65.71                    |                         |
| 01 52 13 00-0032 | MO  | 8' x 8' x 40' Storage Container.....                                                       | 259.04                    |                         |
|                  |     | For Each Delivery And Removal, Two Round Trips, Add                                        | 324.26                    |                         |
|                  |     | For >12 Months, Deduct                                                                     | -77.71                    |                         |
| 01 52 19         |     | <b>Sanitary Facilities</b> (01 52)                                                         |                           |                         |
| 01 52 19 00-0001 |     | <b>Portable Toilets</b> (01 52 19)                                                         |                           |                         |
|                  |     | Note: Includes set-up, servicing once per week (unless task states otherwise) and removal. |                           |                         |
| 01 52 19 00-0002 | WK  | Portable Chemical Toilet.....                                                              | 70.82                     |                         |
|                  |     | For Each Additional Servicing Per Unit Per Week, Add                                       | 25.00                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0003 | MO  | Portable Chemical Toilet.....                                                              | 212.45                    |                         |
|                  |     | For Each Additional Servicing Per Unit Per Week, Add                                       | 25.00                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0004 | WK  | Americans With Disabilities Act Compliant Portable Chemical Toilet.....                    | 84.47                     |                         |
|                  |     | For Each Additional Servicing Per Unit Per Week, Add                                       | 25.00                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0005 | MO  | Americans With Disabilities Act Compliant Portable Chemical Toilet.....                    | 247.86                    |                         |
|                  |     | For Each Additional Servicing Per Unit Per Week, Add                                       | 25.00                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0006 | WK  | Two Station Portable Handwash.....                                                         | 54.79                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0007 | MO  | Two Station Portable Handwash.....                                                         | 166.19                    |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0008 | WK  | Four Station Portable Handwash.....                                                        | 64.46                     |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |
| 01 52 19 00-0009 | MO  | Four Station Portable Handwash.....                                                        | 195.51                    |                         |
|                  |     | For Each Delivery And Set-up, Add                                                          | 42.49                     |                         |



|                                   |  |  |       |   |
|-----------------------------------|--|--|-------|---|
| General Requirements              |  |  | 01    | 5 |
| Temporary Facilities and Controls |  |  | 01 50 |   |
| Construction Facilities           |  |  | 01 52 |   |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST    | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| 01 52 19 00-0010 MO 6 Station, Portable Toilets, Multi Trailer .....<br>Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing.<br>For Each Delivery, Set-up And Removal, Two Round Trips, Add                                                                                                                    | 4,685.40<br>1,199.81         |                         |
| 01 52 19 00-0011 WK Service 6 Station Trailer Restrooms, 3 Times Per Week .....<br>For One Additional Service Per Week, Add<br>Note: For one less service per week, UOM to be negative one (-1)                                                                                                                                                                                | 2,044.02<br>681.34           |                         |
| 01 52 19 00-0012 MO 34' Length, ADA Restroom Trailer With 950 Gal Waste Tank .....<br>Note: Includes women's: 3 toilets, 2 sinks; men's: 1 toilet, 2 urinals, 2 sinks; ADA: 1 toilet, 1 sink. Requires 3/4" water source, and four 20 amperes/110 voltage dedicated circuits.<br>For Delivery, Setup, Removal, Add Once<br>For Weekly Service Of Toilet Trailer, Add Per Month | 5,839.75<br>861.61<br>873.90 |                         |

## 01 53 Temporary Construction (01 50)

### 01 53 16 Temporary Decking (01 53)

#### 01 53 16 00-0001 Temporary Walkways And Railings (01 53 16)

|                                                                                                        |       |  |
|--------------------------------------------------------------------------------------------------------|-------|--|
| Note: Includes removal after use.                                                                      |       |  |
| 01 53 16 00-0002 SF Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers .....                      | 7.73  |  |
| 01 53 16 00-0003 LF Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail ..... | 31.21 |  |
| 01 53 16 00-0004 LF Temporary Wood Guardrail Base, 12" x 12" Timber Beam .....                         | 14.90 |  |
| 01 53 16 00-0005 RSR Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....                 | 25.42 |  |

### 01 53 23 Temporary Ramps (01 53)

#### 01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access (01 53 23)

|                                                                    |      |      |
|--------------------------------------------------------------------|------|------|
| Note: Includes removal after use.                                  |      |      |
| 01 53 23 00-0002 SF Temporary Plywood For Wheel Barrow Access..... | 1.50 | 0.47 |

## 01 54 Construction Aids (01 50)

### 01 54 09 Personnel Protection Equipment (01 54)

#### 01 54 09 00-0001 Personnel Protection Equipment (01 54 09)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|
| Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. Includes, but are not limited to: protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements. |      |  |
| 01 54 09 00-0002 NTE Personnel Protection Equipment .....                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.00 |  |
| Note: For specification publishing. Review specifications for requirements.                                                                                                                                                                                                                                                                                                                                                                                                                    |      |  |

### 01 54 23 Temporary Scaffolding And Platforms (01 54)

#### 01 54 23 00-0001 Scaffolding (01 54 23)

Note: Additional scaffolding rental for work above the normal working height.

#### 01 54 23 00-0002 Scaffolding Rental - Rental Only (01 54 23 00-0001)

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

|                                                                                                               |       |  |
|---------------------------------------------------------------------------------------------------------------|-------|--|
| 01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)..... | 29.33 |  |
| For Up To 25, Add                                                                                             | 11.73 |  |
| For >25 To 50, Add                                                                                            | 7.33  |  |
| For >50 To 150, Add                                                                                           | 2.93  |  |
| 01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)..... | 32.98 |  |
| For Up To 25, Add                                                                                             | 13.19 |  |
| For >25 To 50, Add                                                                                            | 8.25  |  |
| For >50 To 150, Add                                                                                           | 3.30  |  |
| 01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)..... | 43.99 |  |
| For Up To 25, Add                                                                                             | 17.60 |  |
| For >25 To 50, Add                                                                                            | 11.00 |  |
| For >50 To 150, Add                                                                                           | 4.40  |  |

#### 01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001)

Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

|                                                                                                                                                         |       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....                  | 45.05 |  |
| 01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....                | 59.07 |  |
| 01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....                | 78.83 |  |
| 01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....                | 86.72 |  |
| 01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....                        | 99.86 |  |
| 01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories ..... | 63.07 |  |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 54</b> | <b>Construction Aids</b>                 |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |  |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| 01 54 23 00-0013 | <b>Heavy Duty Masonry Scaffolding Rental - Rental Only</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                                       |          |  |
|                  | Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection. |          |  |
| 01 54 23 00-0014 | CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)                                                                                                                                                                                                                                                                                                                          | 68.38    |  |
| 01 54 23 00-0015 | CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)                                                                                                                                                                                                                                                                                                                          | 125.37   |  |
| 01 54 23 00-0016 | LF Aluminum Joists (LF / Month)                                                                                                                                                                                                                                                                                                                                                                                                     | 11.12    |  |
| 01 54 23 00-0017 | LF Aluminum Stringers (LF / Month)                                                                                                                                                                                                                                                                                                                                                                                                  | 15.94    |  |
| 01 54 23 00-0018 | EA Screw Jack With U-Plate For Stringers (EA / Month)                                                                                                                                                                                                                                                                                                                                                                               | 20.09    |  |
| 01 54 23 00-0019 | <b>Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                      |          |  |
|                  | Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.                                                                                                                                                                                                                          |          |  |
| 01 54 23 00-0020 | CCF Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                  | 84.09    |  |
| 01 54 23 00-0021 | CCF >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                | 105.11   |  |
| 01 54 23 00-0022 | CCF >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                        | 126.14   |  |
| 01 54 23 00-0023 | CCF >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                        | 136.65   |  |
| 01 54 23 00-0024 | CCF >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                               | 152.42   |  |
| 01 54 23 00-0025 | <b>Scaffolding Accessories</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                                   |          |  |
|                  | See CSI section 01 54 23 00-0019 for erection.                                                                                                                                                                                                                                                                                                                                                                                      |          |  |
| 01 54 23 00-0026 | CSF Netting for Exterior Building Scaffolding                                                                                                                                                                                                                                                                                                                                                                                       | 40.25    |  |
|                  | Note: Includes removal after use.                                                                                                                                                                                                                                                                                                                                                                                                   |          |  |
| 01 54 23 00-0027 | <b>Mobile Mast Climbing Scaffolding</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                          |          |  |
|                  | Note: Per month.                                                                                                                                                                                                                                                                                                                                                                                                                    |          |  |
| 01 54 23 00-0028 | <b>Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month</b> (01 54 23 00-0027)                                                                                                                                                                                                                                                                                                                                  |          |  |
| 01 54 23 00-0029 | MO Single Mast Climber, 175' High Mast x 35' Wide Platform                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00 |  |
| 01 54 23 00-0030 | EA Delivery/Pick-up Fee For Single Mast Climber                                                                                                                                                                                                                                                                                                                                                                                     | 2,400.00 |  |
|                  | Note: Excludes erection or dismantle.                                                                                                                                                                                                                                                                                                                                                                                               |          |  |
| 01 54 23 00-0031 | EA Erection For Single Mast Climber                                                                                                                                                                                                                                                                                                                                                                                                 | 3,000.00 |  |
| 01 54 23 00-0032 | EA Dismantle For Single Mast Climber                                                                                                                                                                                                                                                                                                                                                                                                | 2,500.00 |  |
| 01 54 23 00-0033 | SF Additional Scaffolding Planks, Wood, 2"                                                                                                                                                                                                                                                                                                                                                                                          | 0.93     |  |
| 01 54 23 00-0034 | <b>Rolling Scaffolding</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                                       |          |  |
|                  | Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.                                                                                                                                                                                                                                                                                                              |          |  |
| 01 54 23 00-0035 | DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                             | 10.92    |  |
| 01 54 23 00-0036 | WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                              | 43.75    |  |
| 01 54 23 00-0037 | MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                              | 174.97   |  |
| 01 54 23 00-0038 | DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                             | 18.28    |  |
| 01 54 23 00-0039 | WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                              | 73.20    |  |
| 01 54 23 00-0040 | MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)                                                                                                                                                                                                                                                                                                                              | 292.82   |  |
| 01 54 23 00-0041 | EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold                                                                                                                                                                                                                                                                                                                                        | 121.44   |  |
| 01 54 23 00-0042 | EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold                                                                                                                                                                                                                                                                                                                                        | 151.79   |  |
| 01 54 23 00-0043 | <b>Shoring Posts</b> (01 54 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                                             |          |  |
| 01 54 23 00-0044 | DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post                                                                                                                                                                                                                                                                                                                                                                   | 2.09     |  |
| 01 54 23 00-0045 | WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post                                                                                                                                                                                                                                                                                                                                                                    | 8.35     |  |
| 01 54 23 00-0046 | MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post                                                                                                                                                                                                                                                                                                                                                                    | 25.06    |  |
| 01 54 23 00-0047 | DAY Up To 7', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                        | 1.95     |  |
| 01 54 23 00-0048 | WK Up To 7', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                         | 3.90     |  |
| 01 54 23 00-0049 | MO Up To 7', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                         | 7.80     |  |
| 01 54 23 00-0050 | DAY >7' To 10', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                      | 2.82     |  |
| 01 54 23 00-0051 | WK >7' To 10', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                       | 5.64     |  |
| 01 54 23 00-0052 | MO >7' To 10', 1" Diameter, Steel Cross Brace                                                                                                                                                                                                                                                                                                                                                                                       | 11.28    |  |
| 01 54 23 00-0053 | MO 2' Wide Shoring Frame With Adjustable Screw Jacks                                                                                                                                                                                                                                                                                                                                                                                | 12.22    |  |
| 01 54 23 00-0054 | MO 4' Wide Shoring Frame With Adjustable Screw Jacks                                                                                                                                                                                                                                                                                                                                                                                | 15.98    |  |
| 01 54 23 00-0055 | LF 1-5/8" Diameter, Steel Tube And Clamp Bracing (Per LF/Month)                                                                                                                                                                                                                                                                                                                                                                     | 7.52     |  |
| 01 54 23 00-0056 | LF 6-1/2" Deep, Aluminum Joist Shoring (Per LF/Month)                                                                                                                                                                                                                                                                                                                                                                               | 4.88     |  |
| 01 54 23 00-0057 | LF 7-1/4" Deep, Aluminum Stringer Shoring (Per LF/Month)                                                                                                                                                                                                                                                                                                                                                                            | 4.88     |  |
| 01 54 23 00-0058 | CCF Shoring Posts And Frames Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories                                                                                                                                                                                                                                                                                                                                 | 57.82    |  |
| 01 54 23 00-0059 | EA Initial Erection And Final Dismantling For Each Shoring Post                                                                                                                                                                                                                                                                                                                                                                     | 9.72     |  |
|                  | For >20 To 50, Deduct                                                                                                                                                                                                                                                                                                                                                                                                               | -1.46    |  |
|                  | For >50 To 100, Deduct                                                                                                                                                                                                                                                                                                                                                                                                              | -3.40    |  |
|                  | For >100, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                    | -5.35    |  |



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Construction Aids                 |  |  | 01 54 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                       |                                                                                                                   | TOTAL DIRECT<br>UNIT COST                                                                                                                         | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>01 54 23 00-0060 Temporary Lumber, Single Use</b> (01 54 23)<br>Note: Includes removal after use.                                                                                                                                                               |                                                                                                                   |                                                                                                                                                   |                         |
| 01 54 23 00-0061                                                                                                                                                                                                                                                   | SF 5/16" CD Grade Plywood, Temporary Lumber .....                                                                 | 2.42                                                                                                                                              |                         |
| 01 54 23 00-0062                                                                                                                                                                                                                                                   | SF 1/2" CD Grade Plywood, Temporary Lumber .....                                                                  | 2.78                                                                                                                                              |                         |
| 01 54 23 00-0063                                                                                                                                                                                                                                                   | SF 5/8" CD Grade Plywood, Temporary Lumber .....                                                                  | 3.10                                                                                                                                              |                         |
| 01 54 23 00-0064                                                                                                                                                                                                                                                   | SF 3/4" CD Grade Plywood, Temporary Lumber .....                                                                  | 3.44                                                                                                                                              |                         |
| 01 54 23 00-0065                                                                                                                                                                                                                                                   | SF 1" CD Grade Plywood, Temporary Lumber .....                                                                    | 5.16                                                                                                                                              |                         |
| 01 54 23 00-0066                                                                                                                                                                                                                                                   | LF 2" x 4" Temporary Lumber .....                                                                                 | 2.99                                                                                                                                              |                         |
| 01 54 23 00-0067                                                                                                                                                                                                                                                   | LF 2" x 6" Temporary Lumber .....                                                                                 | 3.79                                                                                                                                              |                         |
| 01 54 23 00-0068                                                                                                                                                                                                                                                   | LF 2" x 8" Temporary Lumber .....                                                                                 | 4.60                                                                                                                                              |                         |
| 01 54 23 00-0069                                                                                                                                                                                                                                                   | LF 2" x 10" Temporary Lumber .....                                                                                | 5.41                                                                                                                                              |                         |
| 01 54 23 00-0070                                                                                                                                                                                                                                                   | LF 2" x 12" Temporary Lumber .....                                                                                | 6.22                                                                                                                                              |                         |
| 01 54 23 00-0071                                                                                                                                                                                                                                                   | LF 3" x 8" Temporary Lumber .....                                                                                 | 6.22                                                                                                                                              |                         |
| 01 54 23 00-0072                                                                                                                                                                                                                                                   | LF 3" x 10" Temporary Lumber .....                                                                                | 7.43                                                                                                                                              |                         |
| 01 54 23 00-0073                                                                                                                                                                                                                                                   | LF 3" x 12" Temporary Lumber .....                                                                                | 8.64                                                                                                                                              |                         |
| 01 54 23 00-0074                                                                                                                                                                                                                                                   | LF 4" x 4" Temporary Lumber .....                                                                                 | 4.07                                                                                                                                              |                         |
| 01 54 23 00-0075                                                                                                                                                                                                                                                   | LF 4" x 6" Temporary Lumber .....                                                                                 | 5.84                                                                                                                                              |                         |
| 01 54 23 00-0076                                                                                                                                                                                                                                                   | LF 6" x 6" Temporary Lumber .....                                                                                 | 7.61                                                                                                                                              |                         |
| 01 54 23 00-0077                                                                                                                                                                                                                                                   | LF 6" x 8" Temporary Lumber .....                                                                                 | 9.90                                                                                                                                              |                         |
| 01 54 23 00-0078                                                                                                                                                                                                                                                   | LF 12" x 12" Temporary Lumber .....                                                                               | 24.32                                                                                                                                             |                         |
| <b>01 54 23 00-0079 Temporary Precast Concrete Blocks</b> (01 54 23)<br>Note: Includes removal after use.                                                                                                                                                          |                                                                                                                   |                                                                                                                                                   |                         |
| 01 54 23 00-0080                                                                                                                                                                                                                                                   | EA 2' x 2' x 2' Temporary Precast Concrete (Ecology) Block .....                                                  | 121.02                                                                                                                                            |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes removal after use.                                                                                                                 |                         |
| 01 54 23 00-0081                                                                                                                                                                                                                                                   | EA 2' x 2' x 4' Temporary Precast Concrete (Ecology) Block .....                                                  | 151.28                                                                                                                                            |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes removal after use.                                                                                                                 |                         |
| 01 54 23 00-0082                                                                                                                                                                                                                                                   | EA 2' x 2' x 8' Temporary Precast Concrete (Ecology) Block .....                                                  | 195.92                                                                                                                                            |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes removal after use.                                                                                                                 |                         |
| <b>01 54 26 Temporary Swing Staging</b> (01 54)<br>Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors. |                                                                                                                   |                                                                                                                                                   |                         |
| <b>01 54 26 00-0001 Swing Stage</b> (01 54 26)<br>Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.                                     |                                                                                                                   |                                                                                                                                                   |                         |
| 01 54 26 00-0002                                                                                                                                                                                                                                                   | MO 7' Swing Stage, Electric Operated .....                                                                        | 3,005.64                                                                                                                                          |                         |
| 01 54 26 00-0003                                                                                                                                                                                                                                                   | MO 10' Swing Stage, Electric Operated .....                                                                       | 3,155.92                                                                                                                                          |                         |
| 01 54 26 00-0004                                                                                                                                                                                                                                                   | MO 14' Swing Stage, Electric Operated .....                                                                       | 3,306.20                                                                                                                                          |                         |
| 01 54 26 00-0005                                                                                                                                                                                                                                                   | MO 20' Swing Stage, Electric Operated .....                                                                       | 3,456.49                                                                                                                                          |                         |
| 01 54 26 00-0006                                                                                                                                                                                                                                                   | MO 24' Swing Stage, Electric Operated .....                                                                       | 3,606.77                                                                                                                                          |                         |
| 01 54 26 00-0007                                                                                                                                                                                                                                                   | MO 30' Swing Stage, Electric Operated .....                                                                       | 3,757.05                                                                                                                                          |                         |
| 01 54 26 00-0008                                                                                                                                                                                                                                                   | MO 42' Swing Stage, Electric Operated .....                                                                       | 3,907.33                                                                                                                                          |                         |
| 01 54 26 00-0009                                                                                                                                                                                                                                                   | MO 12' Swing Stage, Manually Operated .....                                                                       | 866.71                                                                                                                                            |                         |
| 01 54 26 00-0010                                                                                                                                                                                                                                                   | MO 24' Swing Stage, Manually Operated .....                                                                       | 1,083.38                                                                                                                                          |                         |
| 01 54 26 00-0011                                                                                                                                                                                                                                                   | EA Swing Stage Platform From Hooks, Erection And Dismantling .....                                                | 5,176.72                                                                                                                                          |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.              |                         |
| 01 54 26 00-0012                                                                                                                                                                                                                                                   | EA Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling .....                | 7,193.93                                                                                                                                          |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.                                            |                         |
| 01 54 26 00-0013                                                                                                                                                                                                                                                   | EA Move Swing Stage Platform From Hooks To Different Location At Same Roof .....                                  | 2,722.03                                                                                                                                          |                         |
| 01 54 26 00-0014                                                                                                                                                                                                                                                   | EA Move Swing Stage Platform And Temporary Roof Mounted Outrigger System To Different Location At Same Roof ..... | 3,791.40                                                                                                                                          |                         |
| <b>01 55 Vehicular Access and Parking</b> (01 50)                                                                                                                                                                                                                  |                                                                                                                   |                                                                                                                                                   |                         |
| <b>01 55 23 Temporary Roads</b> (01 55)                                                                                                                                                                                                                            |                                                                                                                   |                                                                                                                                                   |                         |
| <b>01 55 23 00-0001 Temporary Stabilized Construction Entrance</b> (01 55 23)<br>Note: As per Caltrans detail.                                                                                                                                                     |                                                                                                                   |                                                                                                                                                   |                         |
| 01 55 23 00-0002                                                                                                                                                                                                                                                   | SF 3" To 4" Rock Temporary Stabilized Construction Entrance Assembly .....                                        | 2.79                                                                                                                                              |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.      |                         |
| 01 55 23 00-0003                                                                                                                                                                                                                                                   | SF >4" To 6" Rock Temporary Stabilized Construction Entrance Assembly .....                                       | 3.57                                                                                                                                              |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.      |                         |
| <b>01 55 23 00-0004 Rumble Trench Plate</b> (01 55 23)                                                                                                                                                                                                             |                                                                                                                   |                                                                                                                                                   |                         |
| 01 55 23 00-0005                                                                                                                                                                                                                                                   | MO 8' x 10' Steel Rumble Trench Plate Rental .....                                                                | 401.44                                                                                                                                            |                         |
| 01 55 23 00-0006                                                                                                                                                                                                                                                   | EA Placement And Removal Of Rumble Plate .....                                                                    | 102.65                                                                                                                                            |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks. |                         |
| 01 55 23 00-0007                                                                                                                                                                                                                                                   | EA Relocate And Adjust Location Of Rumble Plate .....                                                             | 25.66                                                                                                                                             |                         |
|                                                                                                                                                                                                                                                                    |                                                                                                                   | Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks. |                         |
| <b>01 55 23 00-0008 Temporary Road Ramps (Godwin)</b> (01 55 23)<br>Note: Excludes asphalt and gravel.                                                                                                                                                             |                                                                                                                   |                                                                                                                                                   |                         |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 55</b> | <b>Vehicular Access and Parking</b>      |



| MINOR<br>CSI                            | UOM | DESCRIPTION                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------|-----|------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 55 23 00-0009                        | EA  | 4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....                                       | 4,947.20                  | 230.64                  |
| 01 55 23 00-0010                        | EA  | 6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....                                       | 6,738.16                  | 345.96                  |
| 01 55 23 00-0011                        | EA  | 8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....                                       | 9,309.28                  | 461.28                  |
| 01 55 23 00-0012                        | EA  | 12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....                                      | 19,291.92                 | 576.60                  |
| 01 55 23 00-0013                        | EA  | 24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....                                      | 28,299.36                 | 691.92                  |
| <b>01 55 26 Traffic Control (01 55)</b> |     |                                                                                                                  |                           |                         |
| 01 55 26 00-0001                        |     | <b>Temporary Removable Preformed Traffic Black Line Mask (01 55 26)</b>                                          |                           |                         |
|                                         |     | Note: Includes installation and removal after use.                                                               |                           |                         |
| 01 55 26 00-0002                        | LF  | 6" Removable Traffic Black Line Mask .....                                                                       | 5.39                      |                         |
| 01 55 26 00-0003                        | LF  | 8" Removable Traffic Black Line Mask .....                                                                       | 6.48                      |                         |
| 01 55 26 00-0004                        |     | <b>Temporary Preformed Traffic Line Tape (01 55 26)</b>                                                          |                           |                         |
|                                         |     | Note: Includes installation and removal after use.                                                               |                           |                         |
| 01 55 26 00-0005                        | LF  | 4" Reflective Removable Traffic Line Tape.....                                                                   | 5.45                      |                         |
| 01 55 26 00-0006                        | LF  | 6" Reflective Removable Traffic Line Tape.....                                                                   | 7.38                      |                         |
| 01 55 26 00-0007                        | LF  | 8" Reflective Removable Traffic Line Tape.....                                                                   | 9.23                      |                         |
| 01 55 26 00-0008                        |     | <b>Temporary Painted Traffic Lines (01 55 26)</b>                                                                |                           |                         |
|                                         |     | Note: Includes installation and removal after use.                                                               |                           |                         |
| 01 55 26 00-0009                        | LF  | 4" Temporary Painted Traffic Lines.....                                                                          | 2.38                      |                         |
|                                         |     | For Not Removed, Deduct .....                                                                                    | -1.69                     |                         |
| 01 55 26 00-0010                        | LF  | 6" Temporary Painted Traffic Lines.....                                                                          | 3.14                      |                         |
|                                         |     | For Not Removed, Deduct .....                                                                                    | -2.27                     |                         |
| 01 55 26 00-0011                        | LF  | 8" Temporary Painted Traffic Lines.....                                                                          | 3.94                      |                         |
|                                         |     | For Not Removed, Deduct .....                                                                                    | -2.89                     |                         |
| 01 55 26 00-0012                        |     | <b>Temporary Pedestrian Traffic Control (01 55 26)</b>                                                           |                           |                         |
| 01 55 26 00-0013                        | CLF | 1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange .....                                          | 10.65                     |                         |
| 01 55 26 00-0014                        | CLF | 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange .....                                          | 13.72                     |                         |
| 01 55 26 00-0015                        | CLF | 3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....                                         | 8.65                      |                         |
| 01 55 26 00-0016                        | CLF | 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....                                           | 10.51                     |                         |
| 01 55 26 00-0017                        | CLF | 3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent .....                                             | 11.29                     |                         |
| 01 55 26 00-0018                        | CLF | 6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent .....                                             | 15.14                     |                         |
| 01 55 26 00-0019                        | CLF | 1" Exterior Vinyl Tape (Warning Tape) .....                                                                      | 12.37                     |                         |
| 01 55 26 00-0020                        | CLF | 2" Exterior Vinyl Tape (Warning Tape) .....                                                                      | 16.99                     |                         |
| 01 55 26 00-0021                        | CLF | 3" Exterior Vinyl Tape (Warning Tape) .....                                                                      | 20.91                     |                         |
| 01 55 26 00-0022                        | CLF | 4" Exterior Vinyl Tape (Warning Tape) .....                                                                      | 24.43                     |                         |
| 01 55 26 00-0023                        |     | <b>Linear Delineation System, Temporary Or Permanent (01 55 26)</b>                                              |                           |                         |
|                                         |     | Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.                              |                           |                         |
| 01 55 26 00-0024                        | LF  | 4" Linear Delineation System.....                                                                                | 11.51                     |                         |
| 01 55 26 00-0025                        | LF  | 6" Linear Delineation System.....                                                                                | 15.52                     |                         |
| 01 55 26 00-0026                        |     | <b>Temporary Traffic Protection (01 55 26)</b>                                                                   |                           |                         |
| 01 55 26 00-0027                        |     | <b>Temporary Portable Traffic Control Device Usage (01 55 26 00-0026)</b>                                        |                           |                         |
|                                         |     | Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal. |                           |                         |
| 01 55 26 00-0028                        | DAY | 28" Cone With Reflective Collar.....                                                                             | 0.86                      |                         |
| 01 55 26 00-0029                        | WK  | 28" Cone With Reflective Collar.....                                                                             | 2.59                      |                         |
| 01 55 26 00-0030                        | MO  | 28" Cone With Reflective Collar.....                                                                             | 7.76                      |                         |
| 01 55 26 00-0031                        | DAY | 36" Traffic Cone With Reflective Collar.....                                                                     | 1.08                      |                         |
| 01 55 26 00-0032                        | WK  | 36" Traffic Cone With Reflective Collar.....                                                                     | 3.23                      |                         |
| 01 55 26 00-0033                        | MO  | 36" Traffic Cone With Reflective Collar.....                                                                     | 9.70                      |                         |
| 01 55 26 00-0034                        | DAY | Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....                                      | 2.03                      |                         |
| 01 55 26 00-0035                        | WK  | Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....                                      | 6.09                      |                         |
| 01 55 26 00-0036                        | MO  | Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....                                      | 18.27                     |                         |
| 01 55 26 00-0037                        | DAY | Vertical Panel.....                                                                                              | 2.60                      |                         |
| 01 55 26 00-0038                        | WK  | Vertical Panel.....                                                                                              | 7.81                      |                         |
| 01 55 26 00-0039                        | MO  | Vertical Panel.....                                                                                              | 23.43                     |                         |
| 01 55 26 00-0040                        | DAY | Channelizer Drum.....                                                                                            | 2.83                      |                         |
| 01 55 26 00-0041                        | WK  | Channelizer Drum.....                                                                                            | 8.48                      |                         |
| 01 55 26 00-0042                        | MO  | Channelizer Drum.....                                                                                            | 25.44                     |                         |
| 01 55 26 00-0043                        | DAY | Stackable Channelizer Panel.....                                                                                 | 1.34                      |                         |
| 01 55 26 00-0044                        | WK  | Stackable Channelizer Panel.....                                                                                 | 4.01                      |                         |
| 01 55 26 00-0045                        | MO  | Stackable Channelizer Panel.....                                                                                 | 12.03                     |                         |
| 01 55 26 00-0046                        | DAY | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....                                              | 1.85                      |                         |
| 01 55 26 00-0047                        | WK  | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....                                              | 5.55                      |                         |
| 01 55 26 00-0048                        | MO  | Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....                                              | 16.66                     |                         |
| 01 55 26 00-0049                        | DAY | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....                                        | 4.10                      |                         |
| 01 55 26 00-0050                        | WK  | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....                                        | 12.31                     |                         |
| 01 55 26 00-0051                        | MO  | Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....                                        | 36.92                     |                         |
| 01 55 26 00-0052                        | DAY | Type III Barricade, Up To 5' Wide With Three Reflective Rails.....                                               | 4.68                      |                         |
| 01 55 26 00-0053                        | WK  | Type III Barricade, Up To 5' Wide With Three Reflective Rails.....                                               | 14.03                     |                         |





|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Vehicular Access and Parking      |  |  | 01 55 |

| MINOR            | CSI | UOM | DESCRIPTION                                                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------|------------------------|----------------------|
| 01 55 26 00-0054 | MO  |     | Type III Barricade, Up To 5' Wide With Three Reflective Rails.....   | 42.08                  |                      |
| 01 55 26 00-0055 | DAY |     | Type III Barricade, >5' To 10' Wide With Three Reflective Rails..... | 8.55                   |                      |
| 01 55 26 00-0056 | WK  |     | Type III Barricade, >5' To 10' Wide With Three Reflective Rails..... | 25.66                  |                      |
| 01 55 26 00-0057 | MO  |     | Type III Barricade, >5' To 10' Wide With Three Reflective Rails..... | 76.97                  |                      |
| 01 55 26 00-0058 | DAY |     | Up To 10' Wide A Frame Barricade.....                                | 4.69                   |                      |
| 01 55 26 00-0059 | WK  |     | Up To 10' Wide A Frame Barricade.....                                | 14.07                  |                      |
| 01 55 26 00-0060 | MO  |     | Up To 10' Wide A Frame Barricade.....                                | 42.21                  |                      |
| 01 55 26 00-0061 | DAY |     | Type A Or C Flasher.....                                             | 0.96                   |                      |
| 01 55 26 00-0062 | WK  |     | Type A Or C Flasher.....                                             | 2.87                   |                      |
| 01 55 26 00-0063 | MO  |     | Type A Or C Flasher.....                                             | 8.60                   |                      |
| 01 55 26 00-0064 | DAY |     | Type B Flasher (High Intensity).....                                 | 5.19                   |                      |
| 01 55 26 00-0065 | WK  |     | Type B Flasher (High Intensity).....                                 | 15.56                  |                      |
| 01 55 26 00-0066 | MO  |     | Type B Flasher (High Intensity).....                                 | 46.67                  |                      |

01 55 26 00-0067

Temporary Traffic Barriers Usage (01 55 26 00-0026)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.

|                                                                      |     |  |                                                                                                                                       |          |  |
|----------------------------------------------------------------------|-----|--|---------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| 01 55 26 00-0068                                                     | DAY |  | 6' Long Portable Parking Curbs.....                                                                                                   | 2.23     |  |
| 01 55 26 00-0069                                                     | WK  |  | 6' Long Portable Parking Curbs.....                                                                                                   | 6.70     |  |
| 01 55 26 00-0070                                                     | MO  |  | 6' Long Portable Parking Curbs.....                                                                                                   | 20.10    |  |
| 01 55 26 00-0071                                                     | DAY |  | 6' Long Portable Speed Bumps.....                                                                                                     | 6.61     |  |
| 01 55 26 00-0072                                                     | WK  |  | 6' Long Portable Speed Bumps.....                                                                                                     | 19.83    |  |
| 01 55 26 00-0073                                                     | MO  |  | 6' Long Portable Speed Bumps.....                                                                                                     | 59.49    |  |
| 01 55 26 00-0074                                                     | DAY |  | Up To 12.5' Concrete Traffic Barrier.....                                                                                             | 15.88    |  |
| 01 55 26 00-0075                                                     | WK  |  | Up To 12.5' Concrete Traffic Barrier.....                                                                                             | 47.64    |  |
| 01 55 26 00-0076                                                     | MO  |  | Up To 12.5' Concrete Traffic Barrier.....                                                                                             | 142.92   |  |
| 01 55 26 00-0077                                                     | DAY |  | >12.5' To 20' Concrete Traffic Barrier.....                                                                                           | 31.76    |  |
| 01 55 26 00-0078                                                     | WK  |  | >12.5' To 20' Concrete Traffic Barrier.....                                                                                           | 95.28    |  |
| 01 55 26 00-0079                                                     | MO  |  | >12.5' To 20' Concrete Traffic Barrier.....                                                                                           | 285.85   |  |
| 01 55 26 00-0080                                                     | DAY |  | 6' x 32" Tall Plastic Water Barrier.....                                                                                              | 18.96    |  |
| 01 55 26 00-0081                                                     | WK  |  | 6' x 32" Tall Plastic Water Barrier.....                                                                                              | 56.89    |  |
| 01 55 26 00-0082                                                     | MO  |  | 6' x 32" Tall Plastic Water Barrier.....                                                                                              | 170.68   |  |
| 01 55 26 00-0083                                                     | DAY |  | 6' x 46" Tall Plastic Water Barrier.....                                                                                              | 27.08    |  |
| 01 55 26 00-0084                                                     | WK  |  | 6' x 46" Tall Plastic Water Barrier.....                                                                                              | 81.24    |  |
| 01 55 26 00-0085                                                     | MO  |  | 6' x 46" Tall Plastic Water Barrier.....                                                                                              | 243.71   |  |
| 01 55 26 00-0086                                                     | DAY |  | Sand Filled Crash Attenuator Barrels.....                                                                                             | 10.60    |  |
| 01 55 26 00-0087                                                     | WK  |  | Sand Filled Crash Attenuator Barrels.....                                                                                             | 31.80    |  |
| 01 55 26 00-0088                                                     | MO  |  | Sand Filled Crash Attenuator Barrels.....                                                                                             | 95.39    |  |
| 01 55 26 00-0089                                                     | MO  |  | Rolling Straight Concrete Barrier, Per Each Barrier Per Month.....                                                                    | 3,521.70 |  |
| 01 55 26 00-0090                                                     | MO  |  | Rolling Absorbing Concrete Barrier, Per Each Barrier Per Month.....                                                                   | 1,408.68 |  |
| 01 55 26 00-0091                                                     | MO  |  | Rolling Transition Concrete Barrier, Per Each Barrier Per Month.....                                                                  | 375.65   |  |
| 01 55 26 00-0092                                                     | EA  |  | 2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....                                             | 6,446.05 |  |
| Note: Includes delivery, pickup and two months rental.               |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0093                                                     | MO  |  | 2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....                                             | 621.54   |  |
| Note: Rental rate after 1st two months.                              |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0094                                                     | EA  |  | 5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....                                             | 7,700.86 |  |
| Note: Includes delivery, pickup and two months rental.               |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0095                                                     | MO  |  | 5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....                                             | 932.31   |  |
| Note: Rental rate after 1st two months.                              |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0096                                                     | EA  |  | 8 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (71 MPH), 24" Wide.....                                             | 9,370.04 |  |
| Note: Includes delivery, pickup and two months rental.               |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0097                                                     | MO  |  | 8 Bay, Non-Gating, Redirective Crash Cushion System, 71 MPH, 24" Wide.....                                                            | 1,139.49 |  |
| Note: Rental rate after 1st two months.                              |     |  |                                                                                                                                       |          |  |
| 01 55 26 00-0098                                                     | MO  |  | 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER)..... | 1,504.08 |  |
| Note: Consists of 8 bays with nose piece at the front of the system. |     |  |                                                                                                                                       |          |  |

01 55 26 00-0099

Temporary Portable Signs And Message Displays Usage (01 55 26 00-0026)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.

|                  |     |  |                                                                |       |  |
|------------------|-----|--|----------------------------------------------------------------|-------|--|
| 01 55 26 00-0100 | DAY |  | Mesh Or Vinyl Roll-up Sign With Stand.....                     | 8.32  |  |
| 01 55 26 00-0101 | WK  |  | Mesh Or Vinyl Roll-up Sign With Stand.....                     | 24.96 |  |
| 01 55 26 00-0102 | MO  |  | Mesh Or Vinyl Roll-up Sign With Stand.....                     | 74.89 |  |
| 01 55 26 00-0103 | DAY |  | 18" x 18" Aluminum Construction Sign, With Portable Stand..... | 4.24  |  |
| 01 55 26 00-0104 | WK  |  | 18" x 18" Aluminum Construction Sign, With Portable Stand..... | 12.73 |  |
| 01 55 26 00-0105 | MO  |  | 18" x 18" Aluminum Construction Sign, With Portable Stand..... | 38.19 |  |
| 01 55 26 00-0106 | DAY |  | 30" x 24" Aluminum Construction Sign, With Portable Stand..... | 5.16  |  |
| 01 55 26 00-0107 | WK  |  | 30" x 24" Aluminum Construction Sign, With Portable Stand..... | 15.47 |  |
| 01 55 26 00-0108 | MO  |  | 30" x 24" Aluminum Construction Sign, With Portable Stand..... | 46.40 |  |
| 01 55 26 00-0109 | DAY |  | 30" x 30" Aluminum Construction Sign, With Portable Stand..... | 4.78  |  |
| 01 55 26 00-0110 | WK  |  | 30" x 30" Aluminum Construction Sign, With Portable Stand..... | 14.35 |  |
| 01 55 26 00-0111 | MO  |  | 30" x 30" Aluminum Construction Sign, With Portable Stand..... | 43.04 |  |
| 01 55 26 00-0112 | DAY |  | 48" x 18" Aluminum Construction Sign, With Portable Stand..... | 5.46  |  |
| 01 55 26 00-0113 | WK  |  | 48" x 18" Aluminum Construction Sign, With Portable Stand..... | 16.39 |  |
| 01 55 26 00-0114 | MO  |  | 48" x 18" Aluminum Construction Sign, With Portable Stand..... | 49.16 |  |
| 01 55 26 00-0115 | DAY |  | 48" x 24" Aluminum Construction Sign, With Portable Stand..... | 6.07  |  |
| 01 55 26 00-0116 | WK  |  | 48" x 24" Aluminum Construction Sign, With Portable Stand..... | 18.22 |  |
| 01 55 26 00-0117 | MO  |  | 48" x 24" Aluminum Construction Sign, With Portable Stand..... | 54.67 |  |
| 01 55 26 00-0118 | DAY |  | 48" x 30" Aluminum Construction Sign, With Portable Stand..... | 6.69  |  |
| 01 55 26 00-0119 | WK  |  | 48" x 30" Aluminum Construction Sign, With Portable Stand..... | 20.06 |  |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 55</b> | <b>Vehicular Access and Parking</b>      |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                                                                        |     |                                                                    |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|-----------|
| 01 55 26 00-0120                                                                                                                                                       | MO  | 48" x 30" Aluminum Construction Sign, With Portable Stand.....     | 60.18     |
| 01 55 26 00-0121                                                                                                                                                       | DAY | 60" x 24" Aluminum Construction Sign, With Portable Stand.....     | 10.31     |
| 01 55 26 00-0122                                                                                                                                                       | WK  | 60" x 24" Aluminum Construction Sign, With Portable Stand.....     | 30.94     |
| 01 55 26 00-0123                                                                                                                                                       | MO  | 60" x 24" Aluminum Construction Sign, With Portable Stand.....     | 92.81     |
| 01 55 26 00-0124                                                                                                                                                       | DAY | 60" x 30" Aluminum Construction Sign, With Portable Stand.....     | 11.08     |
| 01 55 26 00-0125                                                                                                                                                       | WK  | 60" x 30" Aluminum Construction Sign, With Portable Stand.....     | 33.23     |
| 01 55 26 00-0126                                                                                                                                                       | MO  | 60" x 30" Aluminum Construction Sign, With Portable Stand.....     | 99.70     |
| 01 55 26 00-0127                                                                                                                                                       | DAY | 60" x 36" Aluminum Construction Sign, With Portable Stand.....     | 11.84     |
| 01 55 26 00-0128                                                                                                                                                       | WK  | 60" x 36" Aluminum Construction Sign, With Portable Stand.....     | 35.63     |
| 01 55 26 00-0129                                                                                                                                                       | MO  | 60" x 36" Aluminum Construction Sign, With Portable Stand.....     | 106.59    |
| 01 55 26 00-0130                                                                                                                                                       | DAY | Aluminum Sign And Post .....                                       | 4.14      |
| 01 55 26 00-0131                                                                                                                                                       | WK  | Aluminum Sign And Post .....                                       | 12.41     |
| 01 55 26 00-0132                                                                                                                                                       | MO  | Aluminum Sign And Post .....                                       | 37.22     |
| 01 55 26 00-0133                                                                                                                                                       | DAY | Trailer Mounted Flashing Arrow Board .....                         | 200.00    |
| 01 55 26 00-0134                                                                                                                                                       | WK  | Trailer Mounted Flashing Arrow Board .....                         | 553.57    |
| 01 55 26 00-0135                                                                                                                                                       | MO  | Trailer Mounted Flashing Arrow Board .....                         | 1,464.27  |
| 01 55 26 00-0136                                                                                                                                                       | DAY | Trailer Mounted Portable Variable Message Sign (PVMS) .....        | 275.67    |
| 01 55 26 00-0137                                                                                                                                                       | WK  | Trailer Mounted Portable Variable Message Sign (PVMS) .....        | 735.12    |
| 01 55 26 00-0138                                                                                                                                                       | MO  | Trailer Mounted Portable Variable Message Sign (PVMS) .....        | 1,470.24  |
| 01 55 26 00-0139                                                                                                                                                       | DAY | Two Head, Trailer Mounted Traffic Signal System (Set Of Two) ..... | 1,415.54  |
| Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. |     |                                                                    |           |
| 01 55 26 00-0140                                                                                                                                                       | WK  | Two Head, Trailer Mounted Traffic Signal System (Set Of Two) ..... | 4,246.62  |
| Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. |     |                                                                    |           |
| 01 55 26 00-0141                                                                                                                                                       | MO  | Two Head, Trailer Mounted Traffic Signal System (Set Of Two) ..... | 12,739.86 |
| Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer. |     |                                                                    |           |

### 01 55 26 00-0142 Place And Remove Temporary Traffic Protection Using Truck (01 55 26 00-0026)

Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0048 for delivery > 15 miles.

|                                                                                                                                                                                                                                                                                                  |    |                                                                                                                                                                |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 01 55 26 00-0143                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Up To 250 Cones Using Truck.....                                                                                                      | 4.05   |
| 01 55 26 00-0144                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of >250 Cones Using Truck .....                                                                                                          | 3.54   |
| 01 55 26 00-0145                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Up To 250 Panels/Channelizers Using Truck .....                                                                                       | 6.68   |
| 01 55 26 00-0146                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of >250 Panels/Channelizers Using Truck.....                                                                                             | 5.57   |
| 01 55 26 00-0147                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Up To 250 Barricades Using Truck .....                                                                                                | 10.12  |
| 01 55 26 00-0148                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of >250 Barricades Using Truck .....                                                                                                     | 8.10   |
| 01 55 26 00-0149                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Curbs/Speed Bumps Using Truck.....                                                                                                    | 10.12  |
| 01 55 26 00-0150                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Portable Sign And Stand Using Truck .....                                                                                             | 6.08   |
| 01 55 26 00-0151                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Aluminum Sign And Post Using Truck .....                                                                                              | 25.31  |
| 01 55 26 00-0152                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Trailer Mounted Boards And Signals Using Truck .....                                                                                  | 75.93  |
| 01 55 26 00-0153                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Up To 12.5' Concrete Traffic Barrier .....                                                                                            | 102.65 |
| Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.                                                                                                                                                |    |                                                                                                                                                                |        |
| For 1 Barrier, Add .....                                                                                                                                                                                                                                                                         |    |                                                                                                                                                                | 256.63 |
| For 2 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 92.39  |
| For 3 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 30.80  |
| 01 55 26 00-0154                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of >12.5' Concrete Traffic Barrier .....                                                                                                 | 153.97 |
| Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.                                                                                                                                                |    |                                                                                                                                                                |        |
| For 1 Barrier, Add .....                                                                                                                                                                                                                                                                         |    |                                                                                                                                                                | 384.93 |
| For 2 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 138.57 |
| For 3 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 46.19  |
| 01 55 26 00-0155                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Plastic Water Barrier.....                                                                                                            | 58.57  |
| Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.                                                                                                                              |    |                                                                                                                                                                |        |
| For 1 Barrier, Add .....                                                                                                                                                                                                                                                                         |    |                                                                                                                                                                | 128.30 |
| For 2 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 46.19  |
| For 3 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 15.40  |
| 01 55 26 00-0156                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of Crash Attenuator Barrels .....                                                                                                        | 76.99  |
| Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.                                                                                                                                                |    |                                                                                                                                                                |        |
| For 1 Barrier, Add .....                                                                                                                                                                                                                                                                         |    |                                                                                                                                                                | 192.48 |
| For 2 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 69.29  |
| For 3 Barriers, Add .....                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                | 23.10  |
| 01 55 26 00-0157                                                                                                                                                                                                                                                                                 | EA | Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER)..... | 564.56 |
| Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization. |    |                                                                                                                                                                |        |

### 01 55 26 00-0158 Place And Remove Temporary Traffic Protection From Roadside (Daily) (01 55 26 00-0026)

|                  |    |                                                                                    |       |
|------------------|----|------------------------------------------------------------------------------------|-------|
| 01 55 26 00-0159 | EA | Placement And Removal Of Up To 250 Cones By Hand From Roadside.....                | 2.53  |
| 01 55 26 00-0160 | EA | Placement And Removal Of >250 Cones By Hand From Roadside .....                    | 2.02  |
| 01 55 26 00-0161 | EA | Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside ..... | 3.37  |
| 01 55 26 00-0162 | EA | Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside.....       | 2.69  |
| 01 55 26 00-0163 | EA | Placement And Removal Of Up To 250 Barricades By Hand From Roadside.....           | 5.07  |
| 01 55 26 00-0164 | EA | Placement And Removal Of >250 Barricades By Hand From Roadside .....               | 4.05  |
| 01 55 26 00-0165 | EA | Placement And Removal Of Portable Sign And Stand From Roadside .....               | 3.10  |
| 01 55 26 00-0166 | EA | Placement And Removal Of Trailer Mounted Boards And Signals From Roadside.....     | 37.97 |



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Vehicular Access and Parking      |  |  | 01 55 |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 55 26 00-0167             | EA | Roadside Relocation Of Concrete Traffic Barrier.....<br>Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.                                                               | 51.32                     |                         |
| 01 55 26 00-0168             |    | Place And Remove Temporary Signs For Detours (01 55 26 00-0026)                                                                                                                                                                                                                          |                           |                         |
| 01 55 26 00-0169             |    | Temporary ReflectORIZED Signs For Detours (01 55 26 00-0168)<br>Note: Excludes posts.                                                                                                                                                                                                    |                           |                         |
| 01 55 26 00-0170             |    | Temporary Aluminum Engineer Grade Stop Signs For Detours (01 55 26 00-0169)                                                                                                                                                                                                              |                           |                         |
| 01 55 26 00-0171             | EA | Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours.....<br>For Hi-Intensity Grade, Add<br>For Diamond Grade, Add                                                                                                                                                          | 88.79<br>6.95<br>13.21    |                         |
| 01 55 26 00-0172             | EA | Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours.....<br>For Hi-Intensity Grade, Add<br>For Diamond Grade, Add                                                                                                                                                          | 99.56<br>9.09<br>17.27    |                         |
| 01 55 26 00-0173             | EA | Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours.....<br>For Hi-Intensity Grade, Add<br>For Diamond Grade, Add                                                                                                                                                          | 106.79<br>13.89<br>22.02  |                         |
| 01 55 26 00-0174             | EA | Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours.....<br>For Hi-Intensity Grade, Add<br>For Diamond Grade, Add                                                                                                                                                          | 119.94<br>5.21<br>28.20   |                         |
| 01 55 26 00-0175             | EA | Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours.....<br>For Hi-Intensity Grade, Add<br>For Diamond Grade, Add                                                                                                                                                          | 149.72<br>15.29<br>47.97  |                         |
| 01 55 26 00-0176             |    | Other Temporary ReflectORIZED Traffic Signs For Detours (01 55 26 00-0169)<br>Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts. |                           |                         |
| 01 55 26 00-0177             |    | Temporary Aluminum Engineer Grade Traffic Signs For Detours (01 55 26 00-0176)                                                                                                                                                                                                           |                           |                         |
| 01 55 26 00-0178             | EA | Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 64.07<br>1.72             |                         |
| 01 55 26 00-0179             | EA | Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 66.94<br>2.58             |                         |
| 01 55 26 00-0180             | EA | Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 66.94<br>2.58             |                         |
| 01 55 26 00-0181             | EA | Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 69.09<br>3.23             |                         |
| 01 55 26 00-0182             | EA | Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 71.25<br>3.88             |                         |
| 01 55 26 00-0183             | EA | Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 79.19<br>5.17             |                         |
| 01 55 26 00-0184             | EA | Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                  | 96.41<br>10.33            |                         |
| 01 55 26 00-0185             | EA | Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 69.81<br>3.44             |                         |
| 01 55 26 00-0186             | EA | Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 79.19<br>5.17             |                         |
| 01 55 26 00-0187             | EA | Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 84.93<br>6.89             |                         |
| 01 55 26 00-0188             | EA | Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 90.67<br>8.61             |                         |
| 01 55 26 00-0189             | EA | Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 96.41<br>10.33            |                         |
| 01 55 26 00-0190             | EA | Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 87.80<br>7.75             |                         |
| 01 55 26 00-0191             | EA | Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 96.41<br>10.33            |                         |
| 01 55 26 00-0192             | EA | Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 108.68<br>12.92           |                         |
| 01 55 26 00-0193             | EA | Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 117.29<br>15.50           |                         |
| 01 55 26 00-0194             | EA | Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 157.70<br>23.25           |                         |
| 01 55 26 00-0195             | EA | Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 111.55<br>13.78           |                         |
| 01 55 26 00-0196             | EA | Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 123.03<br>17.22           |                         |
| 01 55 26 00-0197             | EA | Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 134.51<br>20.67           |                         |
| 01 55 26 00-0198             | EA | Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 160.57<br>24.11           |                         |
| 01 55 26 00-0199             | EA | Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 172.05<br>27.56           |                         |
| 01 55 26 00-0200             | EA | Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 183.53<br>31.00           |                         |
| 01 55 26 00-0201             | EA | Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 137.38<br>21.53           |                         |
| 01 55 26 00-0202             | EA | Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 166.31<br>25.83           |                         |
| 01 55 26 00-0203             | EA | Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours.....<br>For Hi-Intensity Grade, Add                                                                                                                                                                                 | 180.66<br>30.14           |                         |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 55</b> | <b>Vehicular Access and Parking</b>      |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 55 26 00-0204 EA Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 209.61<br>34.45           |                         |
| 01 55 26 00-0205 EA Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 252.88<br>43.06           |                         |
| 01 55 26 00-0206 EA Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 183.53<br>31.00           |                         |
| 01 55 26 00-0207 EA Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 215.35<br>36.17           |                         |
| 01 55 26 00-0208 EA Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 247.14<br>41.33           |                         |
| 01 55 26 00-0209 EA Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 264.36<br>46.50           |                         |
| 01 55 26 00-0210 EA Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 296.17<br>51.67           |                         |
| 01 55 26 00-0211 EA Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 348.07<br>62.86           |                         |
| 01 55 26 00-0212 EA Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 362.42<br>67.17           |                         |
| 01 55 26 00-0213 EA Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add  | 470.41<br>93.00           |                         |
| 01 55 26 00-0214 EA Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 250.01<br>42.20           |                         |
| 01 55 26 00-0215 EA Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 307.66<br>55.11           |                         |
| 01 55 26 00-0216 EA Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 345.20<br>62.00           |                         |
| 01 55 26 00-0217 EA Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 368.16<br>68.89           |                         |
| 01 55 26 00-0218 EA Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 413.01<br>75.78           |                         |
| 01 55 26 00-0219 EA Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 435.97<br>82.67           |                         |
| 01 55 26 00-0220 EA Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 496.48<br>96.45           |                         |
| 01 55 26 00-0221 EA Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 542.40<br>110.22          |                         |
| 01 55 26 00-0222 EA Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add  | 565.37<br>117.11          |                         |
| 01 55 26 00-0223 EA Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add  | 595.62<br>124.00          |                         |
| 01 55 26 00-0224 EA Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 519.44<br>103.34          |                         |
| 01 55 26 00-0225 EA Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours .....<br>For Hi-Intensity Grade, Add   | 779.33<br>179.12          |                         |
| <b>01 55 26 00-0226 Temporary Overhead Sign Structures For Detours (01 55 26 00-0168)</b><br>Note: Including horizontal Z-bars. |                           |                         |
| 01 55 26 00-0227 SF From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours .....<br>For Over 10' High, Add  | 22.50<br>13.00            |                         |
| <b>01 55 26 00-0228 Temporary Sign Posts For Detours (01 55 26 00-0168)</b><br>Note: Excludes sign.                             |                           |                         |
| <b>01 55 26 00-0229 Temporary U-Channel Sign Posts For Detours (01 55 26 00-0228)</b><br>Note: Excludes digging and concrete.   |                           |                         |
| <b>01 55 26 00-0230 Temporary Baked Enamel U-Channel Sign Posts For Detours (01 55 26 00-0229)</b>                              |                           |                         |
| 01 55 26 00-0231 EA Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours .....                                  | 79.34                     |                         |
| 01 55 26 00-0232 EA Temporary 6' Baked Enamel U-Channel Sign Post For Detours .....                                             | 102.27                    |                         |
| 01 55 26 00-0233 EA Temporary 7' Baked Enamel U-Channel Sign Post For Detours .....                                             | 122.34                    |                         |
| 01 55 26 00-0234 EA Temporary 8' Baked Enamel U-Channel Sign Post For Detours .....                                             | 143.06                    |                         |
| 01 55 26 00-0235 EA Temporary 10' Baked Enamel U-Channel Sign Post For Detours .....                                            | 173.02                    |                         |
| 01 55 26 00-0236 EA Temporary 12' Baked Enamel U-Channel Sign Post For Detours .....                                            | 183.64                    |                         |
| <b>01 55 26 00-0237 Temporary Galvanized Steel U-Channel Sign Posts For Detours (01 55 26 00-0229)</b>                          |                           |                         |
| 01 55 26 00-0238 EA Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours .....                              | 83.43                     |                         |
| 01 55 26 00-0239 EA Temporary 6' Galvanized Steel U-Channel Sign Post For Detours .....                                         | 108.76                    |                         |
| 01 55 26 00-0240 EA Temporary 7' Galvanized Steel U-Channel Sign Post For Detours .....                                         | 137.00                    |                         |
| 01 55 26 00-0241 EA Temporary 8' Galvanized Steel U-Channel Sign Post For Detours .....                                         | 159.27                    |                         |
| 01 55 26 00-0242 EA Temporary 10' Galvanized Steel U-Channel Sign Post For Detours .....                                        | 184.82                    |                         |
| 01 55 26 00-0243 EA Temporary 12' Galvanized Steel U-Channel Sign Post For Detours .....                                        | 193.90                    |                         |
| <b>01 55 26 00-0244 Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours (01 55 26 00-0229)</b>           |                           |                         |
| 01 55 26 00-0245 EA Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours .....               | 78.38                     |                         |
| 01 55 26 00-0246 EA Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours .....                          | 100.18                    |                         |
| 01 55 26 00-0247 EA Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours .....                          | 119.81                    |                         |
| 01 55 26 00-0248 EA Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours .....                          | 140.05                    |                         |
| 01 55 26 00-0249 EA Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours .....                         | 167.55                    |                         |



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Vehicular Access and Parking      |  |  | 01 55 |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 55 26 00-0250             | EA | Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours .....                                                                                                                                                            | 180.40                    |                         |
| 01 55 26 00-0251             |    | Temporary Tubular Sign Posts For Detours (01 55 26 00-0228)<br>Note: Excludes digging and concrete.                                                                                                                                            |                           |                         |
| 01 55 26 00-0252             |    | Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours (01 55 26 00-0251)                                                                                                                                                   |                           |                         |
| 01 55 26 00-0253             | EA | Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....                                                                                                                                                             | 109.43                    |                         |
| 01 55 26 00-0254             | EA | Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....                                                                                                                                                             | 130.34                    |                         |
| 01 55 26 00-0255             | EA | Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....                                                                                                                                                             | 153.33                    |                         |
| 01 55 26 00-0256             | EA | Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....                                                                                                                                                            | 193.69                    |                         |
| 01 55 26 00-0257             | EA | Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....                                                                                                                                                            | 207.29                    |                         |
| 01 55 26 00-0258             |    | Temporary Square Sign Posts For Detours (01 55 26 00-0228)<br>Note: Excludes digging and concrete.                                                                                                                                             |                           |                         |
| 01 55 26 00-0259             |    | Temporary Galvanized Steel Square Sign Posts For Detours (01 55 26 00-0258)                                                                                                                                                                    |                           |                         |
| 01 55 26 00-0260             | EA | Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours .....                                                                                                                                                                    | 84.34                     |                         |
| 01 55 26 00-0261             | EA | Temporary 6' Galvanized Steel Square Sign Post For Detours .....                                                                                                                                                                               | 124.11                    |                         |
| 01 55 26 00-0262             | EA | Temporary 7' Galvanized Steel Square Sign Post For Detours .....                                                                                                                                                                               | 146.55                    |                         |
| 01 55 26 00-0263             | EA | Temporary 8' Galvanized Steel Square Sign Post For Detours .....                                                                                                                                                                               | 170.96                    |                         |
| 01 55 26 00-0264             | EA | Temporary 10' Galvanized Steel Square Sign Post For Detours .....                                                                                                                                                                              | 208.40                    |                         |
| 01 55 26 00-0265             | EA | Temporary 12' Galvanized Steel Square Sign Post For Detours .....                                                                                                                                                                              | 223.61                    |                         |
| 01 55 26 00-0266             |    | Temporary Breakaway Sign Posts And Bases For Detours (01 55 26 00-0168)<br>Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.                            |                           |                         |
| 01 55 26 00-0267             |    | Temporary 2.5 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)                                                                                                                                                         |                           |                         |
| 01 55 26 00-0268             |    | Temporary Base Posts, 2.5 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0267)                                                                                                                                                       |                           |                         |
| 01 55 26 00-0269             | EA | Temporary Base Post for 2.5 LB/LF, Breakaway Sign Post For Detours .....                                                                                                                                                                       | 108.17                    |                         |
| 01 55 26 00-0270             | EA | Temporary Lap Splice Hardware For 2.5 LB/LF, Breakaway Sign Post For Detours .....                                                                                                                                                             | 66.86                     |                         |
| 01 55 26 00-0271             |    | Temporary Breakaway Sign Posts, 2.5 LB/LF For Detours (01 55 26 00-0267)                                                                                                                                                                       |                           |                         |
| 01 55 26 00-0272             | LF | Temporary Breakaway Sign Post, 2.5 LB/LF For Detours .....                                                                                                                                                                                     | 12.36                     |                         |
| 01 55 26 00-0273             |    | Temporary 4 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)                                                                                                                                                           |                           |                         |
| 01 55 26 00-0274             |    | Temporary Base Posts, 4 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0273)                                                                                                                                                         |                           |                         |
| 01 55 26 00-0275             | EA | Temporary Base Post for 4 LB/LF, Breakaway Sign Post For Detours .....                                                                                                                                                                         | 111.55                    |                         |
| 01 55 26 00-0276             | EA | Temporary Lap Splice Hardware for 4 LB/LF, Breakaway Sign Post For Detours .....                                                                                                                                                               | 66.86                     |                         |
| 01 55 26 00-0277             |    | Temporary Breakaway Sign Posts, 4 LB/LF For Detours (01 55 26 00-0273)                                                                                                                                                                         |                           |                         |
| 01 55 26 00-0278             | LF | Temporary Breakaway Sign Post, 4 LB/LF For Detours .....                                                                                                                                                                                       | 14.45                     |                         |
| 01 55 26 00-0279             |    | Temporary Driven Sign Posts For Detours (01 55 26 00-0266)                                                                                                                                                                                     |                           |                         |
| 01 55 26 00-0280             |    | Temporary Driven Posts, 2.5 LB/LF For Detours (01 55 26 00-0279)                                                                                                                                                                               |                           |                         |
| 01 55 26 00-0281             | LF | Temporary Driven Post, 2.5 LB/LF For Detours.....<br>For Each Soil Plate, Add                                                                                                                                                                  | 14.30<br>3.00             |                         |
| 01 55 26 00-0282             |    | Temporary Driven Posts, 4 LB/LF For Detours (01 55 26 00-0279)                                                                                                                                                                                 |                           |                         |
| 01 55 26 00-0283             | LF | Temporary Driven Post, 4 LB/LF For Detours.....<br>For Each Soil Plate, Add                                                                                                                                                                    | 17.37<br>3.00             |                         |
| 01 55 26 00-0284             |    | Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours (01 55 26 00-0266)                                                                                                                                      |                           |                         |
| 01 55 26 00-0285             |    | Temporary Omni-Directional Breakaway Systems For Signs For Detours (01 55 26 00-0284)<br>Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling. |                           |                         |
| 01 55 26 00-0286             | EA | Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Transpo B525) .....                                                                                                                                                      | 1,167.81                  |                         |
| 01 55 26 00-0287             | EA | Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Transpo B650) .....                                                                                                                                                    | 1,244.52                  |                         |
| 01 55 26 00-0288             | EA | Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Transpo A14 And A16) .....                                                                                                                                     | 853.18                    |                         |
| 01 55 26 00-0289             | EA | Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Transpo A3 And A4.5) .....                                                                                                                                   | 747.27                    |                         |
| 01 55 26 00-0290             | EA | Temporary Omni-Directional Breakaway System For Square Tube (Transpo AS3 And AS4) .....                                                                                                                                                        | 847.30                    |                         |
| 01 55 26 00-0291             | EA | Temporary Omni-Directional Breakaway System For U-Channels (Transpo AU4 To AU6) .....                                                                                                                                                          | 806.10                    |                         |
| 01 55 26 00-0292             | EA | Temporary Omni-Directional Breakaway System For U-Channels Embedded (Transpo AUX4 To AUX6) .....                                                                                                                                               | 751.02                    |                         |

|    |              |                                          |
|----|--------------|------------------------------------------|
| 10 | <b>01</b>    | <b>General Requirements</b>              |
|    | <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
|    | <b>01 55</b> | <b>Vehicular Access and Parking</b>      |



| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 55 26 00-0293             |    | Temporary Omni-Directional Breakaway Systems For Poles For Detours (01 55 26 00-0284)<br>Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles. |                           |                         |
| 01 55 26 00-0294             | EA | Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings.....                                                                                                                                                                                                          | 421.71                    |                         |
| 01 55 26 00-0295             | EA | Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings.....                                                                                                                                                                                                          | 442.18                    |                         |
| 01 55 26 00-0296             | EA | Temporary Omni-Directional Breakaway System For Poles With 1" Couplings.....                                                                                                                                                                                                            | 459.16                    |                         |
| 01 55 26 00-0297             | EA | Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings.....                                                                                                                                                                                                        | 697.19                    |                         |
| 01 55 26 00-0298             | EA | Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....                                                                                                                                                                  | 61.22                     |                         |
| 01 55 26 00-0299             | EA | Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20".....                                                                                                                                                                            | 81.63                     |                         |
| 01 55 26 00-0300             |    | Temporary Rumble Strips (01 55 26)<br>Note: Includes removal after use.                                                                                                                                                                                                                 |                           |                         |
| 01 55 26 00-0301             | LF | 1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip.....                                                                                                                                                                                                                            | 13.71                     |                         |
| 01 55 26 00-0302             | LF | 1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip.....                                                                                                                                                                                                                       | 9.90                      |                         |
| 01 56                        |    | Temporary Barriers and Enclosures (01 50)<br>Note: Includes removal after use.                                                                                                                                                                                                          |                           |                         |
| 01 56 16                     |    | Temporary Dust Barriers (01 56)<br>Note: Includes removal after use.                                                                                                                                                                                                                    |                           |                         |
| 01 56 16 00-0001             |    | Temporary Sheeting For Protection (01 56 16)<br>Note: Includes removal after use.                                                                                                                                                                                                       |                           |                         |
| 01 56 16 00-0002             | SF | 4 Mil, Plastic Sheeting, Applied To Floors.....                                                                                                                                                                                                                                         | 0.37                      |                         |
| 01 56 16 00-0003             | SF | 4 Mil, Plastic Sheeting, Applied To Walls.....                                                                                                                                                                                                                                          | 0.49                      |                         |
| 01 56 16 00-0004             | SF | 4 Mil, Plastic Sheeting, Applied To Ceilings.....                                                                                                                                                                                                                                       | 0.66                      |                         |
| 01 56 16 00-0005             | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....                                                                                                                                                                                                                         | 0.40                      |                         |
| 01 56 16 00-0006             | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....                                                                                                                                                                                                                          | 0.52                      |                         |
| 01 56 16 00-0007             | SF | 4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....                                                                                                                                                                                                                       | 0.69                      |                         |
| 01 56 16 00-0008             | SF | 6 Mil, Plastic Sheeting, Applied To Floors.....<br>Note: Includes removal after use.                                                                                                                                                                                                    | 0.41                      |                         |
| 01 56 16 00-0009             | SF | 6 Mil, Plastic Sheeting, Applied To Walls.....<br>Note: Includes removal after use.                                                                                                                                                                                                     | 0.53                      |                         |
| 01 56 16 00-0010             | SF | 6 Mil, Plastic Sheeting, Applied To Ceilings.....<br>Note: Includes removal after use.                                                                                                                                                                                                  | 0.70                      |                         |
| 01 56 16 00-0011             | SF | 6 Mil, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                                               | 0.69                      |                         |
| 01 56 16 00-0012             | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....<br>Note: Includes removal after use.                                                                                                                                                                                    | 0.49                      |                         |
| 01 56 16 00-0013             | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....<br>Note: Includes removal after use.                                                                                                                                                                                     | 0.61                      |                         |
| 01 56 16 00-0014             | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....<br>Note: Includes removal after use.                                                                                                                                                                                  | 0.78                      |                         |
| 01 56 16 00-0015             | SF | 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                               | 0.73                      |                         |
| 01 56 16 00-0016             | SF | 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                  | 0.93                      |                         |
| 01 56 16 00-0017             | SF | 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors.....<br>Note: Includes removal after use.                                                                                                                                                                       | 0.51                      |                         |
| 01 56 16 00-0018             | SF | 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls.....<br>Note: Includes removal after use.                                                                                                                                                                        | 0.63                      |                         |
| 01 56 16 00-0019             | SF | 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings.....<br>Note: Includes removal after use.                                                                                                                                                                     | 0.80                      |                         |
| 01 56 16 00-0020             | SF | 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                  | 0.75                      |                         |
| 01 56 16 00-0021             | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors.....<br>Note: Includes removal after use.                                                                                                                                                                                        | 0.51                      |                         |
| 01 56 16 00-0022             | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls.....<br>Note: Includes removal after use.                                                                                                                                                                                         | 0.63                      |                         |
| 01 56 16 00-0023             | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings.....<br>Note: Includes removal after use.                                                                                                                                                                                      | 0.80                      |                         |
| 01 56 16 00-0024             | SF | 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                                   | 0.75                      |                         |
| 01 56 16 00-0025             | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors.....<br>Note: Includes removal after use.                                                                                                                                                                        | 0.57                      |                         |
| 01 56 16 00-0026             | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls.....<br>Note: Includes removal after use.                                                                                                                                                                         | 0.69                      |                         |
| 01 56 16 00-0027             | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings.....<br>Note: Includes removal after use.                                                                                                                                                                      | 0.86                      |                         |
| 01 56 16 00-0028             | SF | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....<br>Note: Includes removal after use.                                                                                                                                                                   | 0.81                      |                         |
| 01 56 16 00-0029             |    | Temporary Canvas For Protection (01 56 16)<br>Note: Includes removal after use.                                                                                                                                                                                                         |                           |                         |
| 01 56 16 00-0030             | SF | Heavy Duty Woven Water Repellant Canvas, Applied To Walls.....                                                                                                                                                                                                                          | 1.08                      |                         |
| 01 56 16 00-0031             |    | Accessories For Temporary Sheeting (01 56 16)<br>Note: Includes removal after use.                                                                                                                                                                                                      |                           |                         |



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Barriers and Enclosures |  |  | 01 56 |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 56 16 00-0032             | EA | 7' Zipper Door For Plastic Sheeting .....<br>Note: Includes removal after use.                                                                                                                                                                                                            | 21.02                     |                         |
| 01 56 16 00-0033             | LF | Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall).....<br>Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors. Includes removal after use.                                                          | 8.97                      |                         |
| 01 56 16 00-0034             |    | <b>Temporary Critical Barriers For Protection</b> (01 56 16)<br>Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.                                                                                                             |                           |                         |
| 01 56 16 00-0035             | EA | Up To 1 SF Individual Critical Barriers For Outlets And Receptacles .....<br>Note: Includes removal after use.                                                                                                                                                                            | 11.01                     |                         |
| 01 56 16 00-0036             | EA | >1 To 4 SF Individual Critical Barriers For Diffusers, Ceiling Speakers, Return Grilles, etc.....<br>Note: Includes removal after use.                                                                                                                                                    | 16.71                     |                         |
| 01 56 16 00-0037             | EA | >4 To 8 SF Individual Critical Barriers For Diffusers, Return Grilles, Access Doors, Light Fixtures, etc.....<br>Note: Includes removal after use.                                                                                                                                        | 22.48                     |                         |
| 01 56 16 00-0038             | EA | >8 To 32 SF Individual Critical Barriers For Doors, Windows, etc.....<br>Note: Includes removal after use.                                                                                                                                                                                | 35.28                     |                         |
| 01 56 16 00-0039             |    | <b>Temporary Stud Wall</b> (01 56 16)<br>Note: Includes removal after use.                                                                                                                                                                                                                |                           |                         |
| 01 56 16 00-0040             |    | <b>Temporary Stud Wall With Drywall</b> (01 56 16 00-0039)<br>Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.                                      |                           |                         |
| 01 56 16 00-0041             |    | <b>Temporary Stud Wall With Drywall</b> (01 56 16 00-0040)                                                                                                                                                                                                                                |                           |                         |
| 01 56 16 00-0042             | SF | 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                         | 5.99                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0043             | SF | 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                         | 5.99                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0044             | SF | 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                         | 6.12                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0045             | SF | 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                       | 8.39                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0046             | SF | 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                       | 8.39                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0047             | SF | 5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                                       | 8.65                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0048             |    | <b>Temporary Stud Wall With Fire Rated Drywall</b> (01 56 16 00-0040)                                                                                                                                                                                                                     |                           |                         |
| 01 56 16 00-0049             | SF | 1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                       | 6.14                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0050             | SF | 5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                       | 6.18                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0051             | SF | 5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                       | 6.10                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0052             | SF | 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                      | 7.12                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0053             | SF | 1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                     | 8.69                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0054             | SF | 5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                     | 8.78                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0055             | SF | 5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                                     | 8.62                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0056             | SF | 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                    | 10.66                     |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.74                      |                         |
| 01 56 16 00-0057             |    | <b>Temporary Stud Wall With Oriented Strand Board (OSB)</b> (01 56 16 00-0039)<br>Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint. |                           |                         |
| 01 56 16 00-0058             | SF | 7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                          | 5.81                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |
| 01 56 16 00-0059             | SF | 1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....<br>Note: Includes removal after use.                                                                                                                                           | 5.87                      |                         |
|                              |    | For Metal Studs 24" On Center, Add/Deduct                                                                                                                                                                                                                                                 | 0.65                      |                         |

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|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 56</b> | <b>Temporary Barriers and Enclosures</b> |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 56 16 00-0060 | SF  | 5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....                                                                                                                                       | 6.03                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0061 | SF  | 3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....                                                                                                                                       | 6.11                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0062 | SF  | 7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                   | 8.05                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0063 | SF  | 1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                    | 8.16                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0064 | SF  | 5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                    | 8.47                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0065 | SF  | 3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                    | 8.64                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0066 |     | <b>Temporary Stud Wall With BC Plywood</b> (01 56 16 00-0039)                                                                                                                                                                                   |                           |                         |
|                  |     | Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.                                        |                           |                         |
| 01 56 16 00-0067 | SF  | 3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                       | 6.19                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0068 | SF  | 1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                       | 6.39                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0069 | SF  | 5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                       | 6.64                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0070 | SF  | 3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                       | 6.81                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.65                      |                         |
| 01 56 16 00-0071 | SF  | 3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                     | 8.79                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0072 | SF  | 1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                     | 9.19                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0073 | SF  | 5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                     | 9.69                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0074 | SF  | 3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                     | 10.04                     |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.74                      |                         |
| 01 56 16 00-0075 |     | <b>Temporary Stud Wall With Plastic Sheeting</b> (01 56 16 00-0039)                                                                                                                                                                             |                           |                         |
|                  |     | Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.                                                                             |                           |                         |
| 01 56 16 00-0076 | SF  | 6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                              | 3.35                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.55                      |                         |
| 01 56 16 00-0077 | SF  | 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....                                                                                                                                               | 3.43                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.55                      |                         |
| 01 56 16 00-0078 | SF  | 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                 | 3.45                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.55                      |                         |
| 01 56 16 00-0079 | SF  | 6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                                  | 3.44                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.55                      |                         |
| 01 56 16 00-0080 | SF  | 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center .....                                                                                                                                  | 3.51                      |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |
|                  |     | <i>For Metal Studs 24" On Center, Add/Deduct</i>                                                                                                                                                                                                | 0.55                      |                         |
| 01 56 16 00-0081 |     | <b>14' High Temporary Stud Walls</b> (01 56 16 00-0039)                                                                                                                                                                                         |                           |                         |
| 01 56 16 00-0082 | LF  | 14' High Temporary Stud Wall .....                                                                                                                                                                                                              | 147.48                    |                         |
|                  |     | Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom. |                           |                         |
| 01 56 16 00-0083 |     | <b>Temporary Doors</b> (01 56 16 00-0039)                                                                                                                                                                                                       |                           |                         |
|                  |     | Note: For temporary stud walls. Includes removal after use.                                                                                                                                                                                     |                           |                         |
| 01 56 16 00-0084 | EA  | Temporary Metal Door And Frame .....                                                                                                                                                                                                            | 579.11                    |                         |
|                  |     | Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.                                                                                                                                                        |                           |                         |
| 01 56 16 00-0085 |     | <b>Temporary Floor Protection</b> (01 56 16)                                                                                                                                                                                                    |                           |                         |
|                  |     | Note: Includes removal after use.                                                                                                                                                                                                               |                           |                         |





|                                   |  |  |       |   |
|-----------------------------------|--|--|-------|---|
| General Requirements              |  |  | 01    | 5 |
| Temporary Facilities and Controls |  |  | 01 50 |   |
| Temporary Barriers and Enclosures |  |  | 01 56 |   |

| MINOR<br>CSI                                                                                                                                                                       | UOM | DESCRIPTION                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 56 16 00-0086                                                                                                                                                                   | SF  | 1/8" Thick, Masonite For Temporary Floor Protection.....<br>Note: Includes removal after use.                             | 1.66                      |                         |
| 01 56 16 00-0087                                                                                                                                                                   | SF  | 1/2" Thick, Plywood For Temporary Floor Protection.....<br>Note: Includes removal after use.                              | 1.69                      |                         |
| 01 56 16 00-0088                                                                                                                                                                   | SF  | 3/4" Thick, Plywood For Temporary Floor Protection.....<br>Note: Includes removal after use.                              | 2.00                      |                         |
| 01 56 16 00-0089                                                                                                                                                                   | LF  | 38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection.....<br>Note: Includes removal after use.          | 1.07                      |                         |
| 01 56 16 00-0090                                                                                                                                                                   | LF  | 36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection.....<br>Note: Includes removal after use. | 0.36                      |                         |
| 01 56 16 00-0091                                                                                                                                                                   | CSF | 3 Mil, Temporary Self-adhesive Carpet Protection Film.....<br>Note: Includes removal after use.                           | 27.80                     |                         |
| 01 56 16 00-0092                                                                                                                                                                   | SF  | Burlap For Temporary Floor Protection.....<br>Note: Includes removal after use.                                           | 0.78                      |                         |
| 01 56 16 00-0093 Sticky Mats (01 56 16)                                                                                                                                            |     |                                                                                                                           |                           |                         |
| Note: Includes removal after use.                                                                                                                                                  |     |                                                                                                                           |                           |                         |
| 01 56 16 00-0094                                                                                                                                                                   | EA  | 18" x 36", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 37.98                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 24.84                     |                         |
| 01 56 16 00-0095                                                                                                                                                                   | EA  | 18" x 46", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 43.50                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 28.98                     |                         |
| 01 56 16 00-0096                                                                                                                                                                   | EA  | 24" x 36", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 43.50                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 28.98                     |                         |
| 01 56 16 00-0097                                                                                                                                                                   | EA  | 25" x 45", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 57.30                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 39.33                     |                         |
| 01 56 16 00-0098                                                                                                                                                                   | EA  | 36" x 36", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 62.82                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 43.47                     |                         |
| 01 56 16 00-0099                                                                                                                                                                   | EA  | 36" x 46", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 68.34                     |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 47.61                     |                         |
| 01 56 16 00-0100                                                                                                                                                                   | EA  | 36" x 60", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 137.34                    |                         |
| For 60 Layers Instead Of 30, Add                                                                                                                                                   |     |                                                                                                                           | 99.36                     |                         |
| 01 56 16 00-0101                                                                                                                                                                   | EA  | 36" x 72", 30 Layer Sticky Mat.....<br>Note: Includes removal after use.                                                  | 163.83                    |                         |
| 01 56 16 00-0102 Temporary Panel Assembly Rentals (Edge Guard) (01 56 16)                                                                                                          |     |                                                                                                                           |                           |                         |
| 01 56 16 00-0103 Barrier System Panels (01 56 16 00-0102)                                                                                                                          |     |                                                                                                                           |                           |                         |
| Note: Panels are adjustable from 7'-8" to 10'-0" height and includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks. |     |                                                                                                                           |                           |                         |
| 01 56 16 00-0104                                                                                                                                                                   | WK  | 4' Panel Assembly Rental (Edge Guard 4000).....                                                                           | 122.35                    |                         |
| 01 56 16 00-0105                                                                                                                                                                   | MO  | 4' Panel Assembly Rental (Edge Guard 4000).....                                                                           | 561.04                    |                         |
| 01 56 16 00-0106                                                                                                                                                                   | WK  | 3' Panel Assembly Rental (Edge Guard 4001).....                                                                           | 115.35                    |                         |
| 01 56 16 00-0107                                                                                                                                                                   | MO  | 3' Panel Assembly Rental (Edge Guard 4001).....                                                                           | 534.83                    |                         |
| 01 56 16 00-0108                                                                                                                                                                   | WK  | 2' Panel Assembly Rental (Edge Guard 4002).....                                                                           | 90.89                     |                         |
| 01 56 16 00-0109                                                                                                                                                                   | MO  | 2' Panel Assembly Rental (Edge Guard 4002).....                                                                           | 422.09                    |                         |
| 01 56 16 00-0110                                                                                                                                                                   | WK  | 2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1).....                                   | 105.74                    |                         |
| 01 56 16 00-0111                                                                                                                                                                   | MO  | 2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1).....                                   | 487.64                    |                         |
| 01 56 16 00-0112                                                                                                                                                                   | WK  | 4' Panel Assembly Rental With 44" Door (Edge Guard 4003).....                                                             | 242.94                    |                         |
| 01 56 16 00-0113                                                                                                                                                                   | MO  | 4' Panel Assembly Rental With 44" Door (Edge Guard 4003).....                                                             | 1,119.47                  |                         |
| 01 56 16 00-0114                                                                                                                                                                   | WK  | Hinged Corner Assembly Rental (Edge Guard 4004).....                                                                      | 41.95                     |                         |
| 01 56 16 00-0115                                                                                                                                                                   | MO  | Hinged Corner Assembly Rental (Edge Guard 4004).....                                                                      | 188.76                    |                         |
| 01 56 16 00-0116                                                                                                                                                                   | WK  | 6" Panel Assembly Rental (Edge Guard 4005).....                                                                           | 57.68                     |                         |
| 01 56 16 00-0117                                                                                                                                                                   | MO  | 6" Panel Assembly Rental (Edge Guard 4005).....                                                                           | 267.41                    |                         |
| 01 56 16 00-0118                                                                                                                                                                   | WK  | 12" Panel Assembly Rental (Edge Guard 4006).....                                                                          | 64.67                     |                         |
| 01 56 16 00-0119                                                                                                                                                                   | MO  | 12" Panel Assembly Rental (Edge Guard 4006).....                                                                          | 296.25                    |                         |
| 01 56 16 00-0120                                                                                                                                                                   | WK  | Outside Corner Post Rental (Edge Guard 4007).....                                                                         | 34.96                     |                         |
| 01 56 16 00-0121                                                                                                                                                                   | MO  | Outside Corner Post Rental (Edge Guard 4007).....                                                                         | 157.30                    |                         |
| 01 56 16 00-0122                                                                                                                                                                   | WK  | 52" Panel Assembly Rental With 48" Door (Edge Guard 4008).....                                                            | 445.69                    |                         |
| 01 56 16 00-0123                                                                                                                                                                   | MO  | 52" Panel Assembly Rental With 48" Door (Edge Guard 4008).....                                                            | 2,055.41                  |                         |
| 01 56 16 00-0124                                                                                                                                                                   | WK  | T Post Rental (Edge Guard 4009).....                                                                                      | 34.96                     |                         |
| 01 56 16 00-0125                                                                                                                                                                   | MO  | T Post Rental (Edge Guard 4009).....                                                                                      | 157.30                    |                         |
| 01 56 16 00-0126                                                                                                                                                                   | WK  | 36" Panel Assembly Rental With 32" Door (Edge Guard 4010).....                                                            | 225.47                    |                         |
| 01 56 16 00-0127                                                                                                                                                                   | MO  | 36" Panel Assembly Rental With 32" Door (Edge Guard 4010).....                                                            | 1,211.23                  |                         |
| 01 56 16 00-0128 Installation Of Barrier System Panels (01 56 16 00-0102)                                                                                                          |     |                                                                                                                           |                           |                         |
| Note: Includes removal after use.                                                                                                                                                  |     |                                                                                                                           |                           |                         |
| 01 56 16 00-0129                                                                                                                                                                   | LF  | Installation Of Panel Assembly Rental (Edge Guard).....<br>Note: Includes panels and corners                              | 59.31                     |                         |
| 01 56 26 Temporary Fencing (01 56)                                                                                                                                                 |     |                                                                                                                           |                           |                         |
| 01 56 26 00-0001 Temporary Fencing (01 56 26)                                                                                                                                      |     |                                                                                                                           |                           |                         |
| Note: Per ASTM A392-06 Standards                                                                                                                                                   |     |                                                                                                                           |                           |                         |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 56</b> | <b>Temporary Barriers and Enclosures</b> |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                                    |       |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 01 56 26 00-0002 | Temporary Chain Link Fence <sup>(01 56 26 00-0001)</sup>                                                                                                                                                                           |       |  |
|                  | Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts. |       |  |
| 01 56 26 00-0003 | Temporary Chain Link Fence, Up To 6 Months <sup>(01 56 26 00-0002)</sup>                                                                                                                                                           |       |  |
| 01 56 26 00-0004 | LF Temporary 4' High Chain Link Fence And Posts, Up To 6 Months                                                                                                                                                                    | 7.12  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.16 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.32 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.48 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 1.60  |  |
| 01 56 26 00-0005 | LF Temporary 6' High Chain Link Fence And Posts, Up To 6 Months                                                                                                                                                                    | 7.91  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.18 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.36 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.55 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 2.55  |  |
| 01 56 26 00-0006 | LF Temporary 8' High Chain Link Fence And Posts, Up To 6 Months                                                                                                                                                                    | 10.83 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.37 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.62 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.92 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 3.60  |  |
| 01 56 26 00-0007 | LF Temporary 10' High Chain Link Fence And Posts, Up To 6 Months                                                                                                                                                                   | 23.47 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.92 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -1.83 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -2.75 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 4.75  |  |
| 01 56 26 00-0008 | Temporary Chain Link Fence, >6 To 12 Months <sup>(01 56 26 00-0002)</sup>                                                                                                                                                          |       |  |
| 01 56 26 00-0009 | LF Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months                                                                                                                                                                   | 7.45  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.18 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.36 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.53 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 1.60  |  |
| 01 56 26 00-0010 | LF Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months                                                                                                                                                                   | 8.27  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.20 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.40 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.60 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 2.55  |  |
| 01 56 26 00-0011 | LF Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months                                                                                                                                                                   | 11.44 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.34 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.68 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -1.02 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 3.60  |  |
| 01 56 26 00-0012 | LF Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months                                                                                                                                                                  | 25.29 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -1.01 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -2.01 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -3.02 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 4.75  |  |
| 01 56 26 00-0013 | Temporary Chain Link Fence, >12 To 18 Months <sup>(01 56 26 00-0002)</sup>                                                                                                                                                         |       |  |
| 01 56 26 00-0014 | LF Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months                                                                                                                                                                  | 7.81  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.20 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.39 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.59 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 1.60  |  |
| 01 56 26 00-0015 | LF Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months                                                                                                                                                                  | 8.69  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.22 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.44 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.66 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 2.55  |  |
| 01 56 26 00-0016 | LF Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months                                                                                                                                                                  | 12.13 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.37 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.75 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -1.12 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 3.60  |  |
| 01 56 26 00-0017 | LF Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months                                                                                                                                                                 | 27.31 |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -1.11 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -2.22 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -3.32 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 4.75  |  |
| 01 56 26 00-0018 | Temporary Chain Link Fence, >18 Months <sup>(01 56 26 00-0002)</sup>                                                                                                                                                               |       |  |
| 01 56 26 00-0019 | LF Temporary 4' High Chain Link Fence And Posts, >18 Months                                                                                                                                                                        | 8.20  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.22 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.43 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.65 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 1.60  |  |
| 01 56 26 00-0020 | LF Temporary 6' High Chain Link Fence And Posts, >18 Months                                                                                                                                                                        | 9.10  |  |
|                  | For >100 To 250, Deduct                                                                                                                                                                                                            | -0.24 |  |
|                  | For >250 To 500, Deduct                                                                                                                                                                                                            | -0.48 |  |
|                  | For >500, Deduct                                                                                                                                                                                                                   | -0.72 |  |
|                  | For Each LF Shade Cloth, Add                                                                                                                                                                                                       | 2.55  |  |



|                                   |  |  |       |
|-----------------------------------|--|--|-------|
| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Barriers and Enclosures |  |  | 01 56 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 01 56 26 00-0021 | LF  |     | Temporary 8' High Chain Link Fence And Posts, >18 Months .....                                                                                                                                                                     | 12.86                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                                                                                                                                                                      | -0.41                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                                                                                                                                                                      | -0.62                  |                      |
|                  |     |     | For >500, Deduct .....                                                                                                                                                                                                             | -1.23                  |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 3.60                   |                      |
| 01 56 26 00-0022 | LF  |     | Temporary 10' High Chain Link Fence And Posts, >18 Months.....                                                                                                                                                                     | 29.51                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                                                                                                                                                                      | -1.22                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                                                                                                                                                                      | -2.44                  |                      |
|                  |     |     | For >500, Deduct .....                                                                                                                                                                                                             | -3.65                  |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 4.75                   |                      |
| 01 56 26 00-0023 |     |     | Temporary Chain Link Fence Gates (01 56 26 00-0001)                                                                                                                                                                                |                        |                      |
|                  |     |     | Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts. |                        |                      |
| 01 56 26 00-0024 |     |     | Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)                                                                                                                                                                |                        |                      |
| 01 56 26 00-0025 |     |     | 4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)                                                                                                                                                       |                        |                      |
| 01 56 26 00-0026 | EA  |     | 4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                             | 278.73                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 15.37                  |                      |
| 01 56 26 00-0027 | EA  |     | 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 475.69                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 38.42                  |                      |
| 01 56 26 00-0028 | EA  |     | 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 532.12                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 46.10                  |                      |
| 01 56 26 00-0029 | EA  |     | 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 606.04                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 57.63                  |                      |
| 01 56 26 00-0030 | EA  |     | 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 725.22                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 76.84                  |                      |
| 01 56 26 00-0031 | EA  |     | 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 808.01                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 92.20                  |                      |
| 01 56 26 00-0032 |     |     | 6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)                                                                                                                                                       |                        |                      |
| 01 56 26 00-0033 | EA  |     | 4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                             | 298.77                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 24.49                  |                      |
| 01 56 26 00-0034 | EA  |     | 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 514.54                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 61.23                  |                      |
| 01 56 26 00-0035 | EA  |     | 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 576.93                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 73.47                  |                      |
| 01 56 26 00-0036 | EA  |     | 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 669.49                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 91.84                  |                      |
| 01 56 26 00-0037 | EA  |     | 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 808.86                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 122.46                 |                      |
| 01 56 26 00-0038 | EA  |     | 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 919.46                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 146.95                 |                      |
| 01 56 26 00-0039 |     |     | 8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)                                                                                                                                                       |                        |                      |
| 01 56 26 00-0040 | EA  |     | 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                             | 333.89                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 34.58                  |                      |
| 01 56 26 00-0041 | EA  |     | 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 590.79                 |                      |
|                  |     |     | For Shade Cloth, Add .....                                                                                                                                                                                                         | 86.44                  |                      |
| 01 56 26 00-0042 | EA  |     | 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 660.10                 |                      |
|                  |     |     | For Shade Cloth, Add .....                                                                                                                                                                                                         | 103.73                 |                      |
| 01 56 26 00-0043 | EA  |     | 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 756.26                 |                      |
|                  |     |     | For Shade Cloth, Add .....                                                                                                                                                                                                         | 129.66                 |                      |
| 01 56 26 00-0044 | EA  |     | 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 924.25                 |                      |
|                  |     |     | For Shade Cloth, Add .....                                                                                                                                                                                                         | 172.88                 |                      |
| 01 56 26 00-0045 | EA  |     | 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 1,075.52               |                      |
|                  |     |     | For Shade Cloth, Add .....                                                                                                                                                                                                         | 207.46                 |                      |
| 01 56 26 00-0046 |     |     | 10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)                                                                                                                                                      |                        |                      |
| 01 56 26 00-0047 | EA  |     | 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                            | 403.86                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 45.62                  |                      |
| 01 56 26 00-0048 | EA  |     | 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                           | 707.14                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 114.05                 |                      |
| 01 56 26 00-0049 | EA  |     | 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                           | 791.75                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 136.86                 |                      |
| 01 56 26 00-0050 | EA  |     | 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                           | 905.71                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 171.08                 |                      |
| 01 56 26 00-0051 | EA  |     | 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                           | 1,107.19               |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 228.10                 |                      |
| 01 56 26 00-0052 | EA  |     | 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....                                                                                                                                                           | 1,282.40               |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 273.73                 |                      |
| 01 56 26 00-0053 |     |     | Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)                                                                                                                                                               |                        |                      |
| 01 56 26 00-0054 |     |     | 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)                                                                                                                                                      |                        |                      |
| 01 56 26 00-0055 | EA  |     | 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....                                                                                                                                                            | 289.02                 |                      |
|                  |     |     | For Each LF Shade Cloth, Add .....                                                                                                                                                                                                 | 15.37                  |                      |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 56</b> | <b>Temporary Barriers and Enclosures</b> |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 56 26 00-0056        | EA  | 10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 491.70                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 38.42                     |                         |
| 01 56 26 00-0057        | EA  | 12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 550.41                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 46.10                     |                         |
| 01 56 26 00-0058        | EA  | 15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 626.62                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 57.63                     |                         |
| 01 56 26 00-0059        | EA  | 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 750.37                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 76.84                     |                         |
| 01 56 26 00-0060        | EA  | 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 835.46                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 92.20                     |                         |
| <b>01 56 26 00-0061</b> |     | <b>6' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b>  |                           |                         |
| 01 56 26 00-0062        | EA  | 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                 | 309.53                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 24.49                     |                         |
| 01 56 26 00-0063        | EA  | 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 531.28                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 61.23                     |                         |
| 01 56 26 00-0064        | EA  | 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 596.06                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 73.47                     |                         |
| 01 56 26 00-0065        | EA  | 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 691.00                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 91.84                     |                         |
| 01 56 26 00-0066        | EA  | 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 835.15                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 122.46                    |                         |
| 01 56 26 00-0067        | EA  | 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 948.15                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 146.95                    |                         |
| <b>01 56 26 00-0068</b> |     | <b>8' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b>  |                           |                         |
| 01 56 26 00-0069        | EA  | 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                 | 345.72                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 34.58                     |                         |
| 01 56 26 00-0070        | EA  | 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 609.20                    |                         |
|                         |     | <i>For Shade Cloth, Add</i> .....                                                        | 86.44                     |                         |
| 01 56 26 00-0071        | EA  | 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 681.14                    |                         |
|                         |     | <i>For Shade Cloth, Add</i> .....                                                        | 103.73                    |                         |
| 01 56 26 00-0072        | EA  | 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 779.93                    |                         |
|                         |     | <i>For Shade Cloth, Add</i> .....                                                        | 129.66                    |                         |
| 01 56 26 00-0073        | EA  | 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 953.18                    |                         |
|                         |     | <i>For Shade Cloth, Add</i> .....                                                        | 172.88                    |                         |
| 01 56 26 00-0074        | EA  | 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 1,107.07                  |                         |
|                         |     | <i>For Shade Cloth, Add</i> .....                                                        | 207.46                    |                         |
| <b>01 56 26 00-0075</b> |     | <b>10' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b> |                           |                         |
| 01 56 26 00-0076        | EA  | 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....                | 418.65                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 45.62                     |                         |
| 01 56 26 00-0077        | EA  | 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....               | 730.15                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 114.05                    |                         |
| 01 56 26 00-0078        | EA  | 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....               | 818.04                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 136.86                    |                         |
| 01 56 26 00-0079        | EA  | 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....               | 935.29                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 171.08                    |                         |
| 01 56 26 00-0080        | EA  | 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....               | 1,143.35                  |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 228.10                    |                         |
| 01 56 26 00-0081        | EA  | 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....               | 1,321.85                  |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 273.73                    |                         |
| <b>01 56 26 00-0082</b> |     | <b>Temporary Chain Link Fence Gates, &gt;12 To 18 Months (01 56 26 00-0023)</b>          |                           |                         |
| <b>01 56 26 00-0083</b> |     | <b>4' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months (01 56 26 00-0082)</b> |                           |                         |
| 01 56 26 00-0084        | EA  | 4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....                | 299.82                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 15.37                     |                         |
| 01 56 26 00-0085        | EA  | 10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 508.50                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 38.42                     |                         |
| 01 56 26 00-0086        | EA  | 12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 569.62                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 46.10                     |                         |
| 01 56 26 00-0087        | EA  | 15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 648.23                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 57.63                     |                         |
| 01 56 26 00-0088        | EA  | 20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 776.78                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 76.84                     |                         |
| 01 56 26 00-0089        | EA  | 24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 864.27                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 92.20                     |                         |
| <b>01 56 26 00-0090</b> |     | <b>6' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months (01 56 26 00-0082)</b> |                           |                         |
| 01 56 26 00-0091        | EA  | 4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....                | 320.82                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 24.49                     |                         |
| 01 56 26 00-0092        | EA  | 10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 548.85                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 61.23                     |                         |
| 01 56 26 00-0093        | EA  | 12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 616.14                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 73.47                     |                         |
| 01 56 26 00-0094        | EA  | 15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....               | 713.60                    |                         |
|                         |     | <i>For Each LF Shade Cloth, Add</i> .....                                                | 91.84                     |                         |



| General Requirements              |  |  | 01    |
|-----------------------------------|--|--|-------|
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Barriers and Enclosures |  |  | 01 56 |

| MINOR            |                                                                                                                | TOTAL DIRECT       |  | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------|--------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                | UNIT COST          |  | UNIT COST  |
| 01 56 26 00-0095 | EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add  | 862.77<br>122.46   |  |            |
| 01 56 26 00-0096 | EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add  | 978.28<br>146.95   |  |            |
| 01 56 26 00-0097 | 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)                                 |                    |  |            |
| 01 56 26 00-0098 | EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add   | 358.15<br>34.58    |  |            |
| 01 56 26 00-0099 | EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Shade Cloth, Add          | 628.53<br>86.44    |  |            |
| 01 56 26 00-0100 | EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Shade Cloth, Add          | 703.23<br>103.73   |  |            |
| 01 56 26 00-0101 | EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Shade Cloth, Add          | 804.78<br>129.66   |  |            |
| 01 56 26 00-0102 | EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Shade Cloth, Add          | 983.55<br>172.88   |  |            |
| 01 56 26 00-0103 | EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Shade Cloth, Add          | 1,140.21<br>207.46 |  |            |
| 01 56 26 00-0104 | 10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)                                |                    |  |            |
| 01 56 26 00-0105 | EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add  | 434.18<br>45.62    |  |            |
| 01 56 26 00-0106 | EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add | 754.31<br>114.05   |  |            |
| 01 56 26 00-0107 | EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add | 845.66<br>136.86   |  |            |
| 01 56 26 00-0108 | EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add | 966.36<br>171.08   |  |            |
| 01 56 26 00-0109 | EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add | 1,181.32<br>228.10 |  |            |
| 01 56 26 00-0110 | EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months .....<br>For Each LF Shade Cloth, Add | 1,363.27<br>273.73 |  |            |
| 01 56 26 00-0111 | Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)                                                |                    |  |            |
| 01 56 26 00-0112 | 4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)                                       |                    |  |            |
| 01 56 26 00-0113 | EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add         | 310.63<br>15.37    |  |            |
| 01 56 26 00-0114 | EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 525.31<br>38.42    |  |            |
| 01 56 26 00-0115 | EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 588.83<br>46.10    |  |            |
| 01 56 26 00-0116 | EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 669.84<br>57.63    |  |            |
| 01 56 26 00-0117 | EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 803.19<br>76.84    |  |            |
| 01 56 26 00-0118 | EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 893.08<br>92.20    |  |            |
| 01 56 26 00-0119 | 6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)                                       |                    |  |            |
| 01 56 26 00-0120 | EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add         | 332.12<br>24.49    |  |            |
| 01 56 26 00-0121 | EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 566.42<br>61.23    |  |            |
| 01 56 26 00-0122 | EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 636.22<br>73.47    |  |            |
| 01 56 26 00-0123 | EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 736.19<br>91.84    |  |            |
| 01 56 26 00-0124 | EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 890.38<br>122.46   |  |            |
| 01 56 26 00-0125 | EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add        | 1,008.40<br>146.95 |  |            |
| 01 56 26 00-0126 | 8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)                                       |                    |  |            |
| 01 56 26 00-0127 | EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Each LF Shade Cloth, Add         | 370.58<br>34.58    |  |            |
| 01 56 26 00-0128 | EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Shade Cloth, Add                | 647.85<br>86.44    |  |            |
| 01 56 26 00-0129 | EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Shade Cloth, Add                | 725.32<br>103.73   |  |            |
| 01 56 26 00-0130 | EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Shade Cloth, Add                | 829.63<br>129.66   |  |            |
| 01 56 26 00-0131 | EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Shade Cloth, Add                | 1,013.93<br>172.88 |  |            |
| 01 56 26 00-0132 | EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months .....<br>For Shade Cloth, Add                | 1,173.34<br>207.46 |  |            |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 56</b> | <b>Temporary Barriers and Enclosures</b> |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                                             |          |
|-------------------------|----|---------------------------------------------------------------------------------------------|----------|
| <b>01 56 26 00-0133</b> |    | <b>10' High, Temporary Chain Link Fence Gates, &gt;18 Months</b> (01 56 26 00-0111)         |          |
| 01 56 26 00-0134        | EA | 4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                              | 449.72   |
|                         |    | For Each LF Shade Cloth, Add                                                                | 45.62    |
| 01 56 26 00-0135        | EA | 10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                             | 778.47   |
|                         |    | For Each LF Shade Cloth, Add                                                                | 114.05   |
| 01 56 26 00-0136        | EA | 12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                             | 873.27   |
|                         |    | For Each LF Shade Cloth, Add                                                                | 136.86   |
| 01 56 26 00-0137        | EA | 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                             | 997.42   |
|                         |    | For Each LF Shade Cloth, Add                                                                | 171.08   |
| 01 56 26 00-0138        | EA | 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                             | 1,219.28 |
|                         |    | For Each LF Shade Cloth, Add                                                                | 228.10   |
| 01 56 26 00-0139        | EA | 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months                             | 1,404.69 |
|                         |    | For Each LF Shade Cloth, Add                                                                | 273.73   |
| <b>01 56 26 00-0140</b> |    | <b>Temporary Chain Link Fence Panels (Portable)</b> (01 56 26 00-0001)                      |          |
|                         |    | Note: Includes delivery, set-up and removal. Excludes sandbags.                             |          |
| <b>01 56 26 00-0141</b> |    | <b>Temporary Chain Link Fence Panels (Portable), Up To 6 Months</b> (01 56 26 00-0140)      |          |
| 01 56 26 00-0142        | LF | Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months                        | 7.76     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.19    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.39    |
|                         |    | For >500, Deduct                                                                            | -0.58    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 1.60     |
| 01 56 26 00-0143        | LF | Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months                        | 8.61     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.22    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.43    |
|                         |    | For >500, Deduct                                                                            | -0.65    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 2.55     |
| 01 56 26 00-0144        | LF | Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months                        | 11.66    |
|                         |    | For >100 To 250, Deduct                                                                     | -0.35    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.70    |
|                         |    | For >500, Deduct                                                                            | -1.05    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 3.60     |
| <b>01 56 26 00-0145</b> |    | <b>Temporary Chain Link Fence Panels (Portable), &gt;6 To 12 Months</b> (01 56 26 00-0140)  |          |
| 01 56 26 00-0146        | LF | Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months                       | 8.09     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.21    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.42    |
|                         |    | For >500, Deduct                                                                            | -0.63    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 1.60     |
| 01 56 26 00-0147        | LF | Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months                       | 8.96     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.23    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.47    |
|                         |    | For >500, Deduct                                                                            | -0.70    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 2.55     |
| 01 56 26 00-0148        | LF | Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months                       | 12.26    |
|                         |    | For >100 To 250, Deduct                                                                     | -0.38    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.76    |
|                         |    | For >500, Deduct                                                                            | -1.14    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 3.60     |
| <b>01 56 26 00-0149</b> |    | <b>Temporary Chain Link Fence Panels (Portable), &gt;12 To 18 Months</b> (01 56 26 00-0140) |          |
| 01 56 26 00-0150        | LF | Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months                      | 8.42     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.23    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.45    |
|                         |    | For >500, Deduct                                                                            | -0.68    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 1.60     |
| 01 56 26 00-0151        | LF | Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months                      | 9.38     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.26    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.51    |
|                         |    | For >500, Deduct                                                                            | -0.77    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 2.55     |
| 01 56 26 00-0152        | LF | Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months                      | 12.95    |
|                         |    | For >100 To 250, Deduct                                                                     | -0.41    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.83    |
|                         |    | For >500, Deduct                                                                            | -1.24    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 3.60     |
| <b>01 56 26 00-0153</b> |    | <b>Temporary Chain Link Fence Panels (Portable), &gt;18 Months</b> (01 56 26 00-0140)       |          |
| 01 56 26 00-0154        | LF | Temporary 4' High Chain Link Fence Panels (Portable), >18 Months                            | 8.83     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.25    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.49    |
|                         |    | For >500, Deduct                                                                            | -0.74    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 1.60     |
| 01 56 26 00-0155        | LF | Temporary 6' High Chain Link Fence Panels (Portable), >18 Months                            | 9.79     |
|                         |    | For >100 To 250, Deduct                                                                     | -0.28    |
|                         |    | For >250 To 500, Deduct                                                                     | -0.55    |
|                         |    | For >500, Deduct                                                                            | -0.83    |
|                         |    | For Each LF Shade Cloth, Add                                                                | 2.55     |



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| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Barriers and Enclosures |  |  | 01 56 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST                | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------|
| 01 56 26 00-0156 LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....<br>For Each LF Shade Cloth, Add .....                                                                                                                                | 13.67<br>-0.45<br>-0.90<br>-1.35<br>3.60 |                         |
| 01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags (01 56 26 00-0140)                                                                                                                                                                                                                                                                   |                                          |                         |
| 01 56 26 00-0158 BAG Temporary Chain Link Fence Panels (Portable) Sandbag.....<br>Note: Includes placement and removal.                                                                                                                                                                                                                                     | 7.34                                     |                         |
| 01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels (01 56 26 00-0001)<br>Note: Excludes auguring/drilling for posts.                                                                                                                                                                                                                              |                                          |                         |
| 01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site (01 56 26 00-0159)                                                                                                                                                                                                                                                                             |                                          |                         |
| 01 56 26 00-0161 LF Relocate Temporary 4' High Chain Link Fence And Posts .....                                                                                                                                                                                                                                                                             | 3.49                                     |                         |
| 01 56 26 00-0162 LF Relocate Temporary 6' High Chain Link Fence And Posts .....                                                                                                                                                                                                                                                                             | 5.22                                     |                         |
| 01 56 26 00-0163 LF Relocate Temporary 8' High Chain Link Fence And Posts .....                                                                                                                                                                                                                                                                             | 7.54                                     |                         |
| 01 56 26 00-0164 LF Relocate Temporary 10' High Chain Link Fence And Posts .....                                                                                                                                                                                                                                                                            | 9.28                                     |                         |
| 01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site (01 56 26 00-0159)                                                                                                                                                                                                                                                                      |                                          |                         |
| 01 56 26 00-0166 LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing.....                                                                                                                                                                                                                                                                   | 0.97                                     |                         |
| 01 56 26 00-0167 LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing.....                                                                                                                                                                                                                                                                   | 1.16                                     |                         |
| 01 56 26 00-0168 LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing.....                                                                                                                                                                                                                                                                   | 1.31                                     |                         |
| 01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site (01 56 26 00-0159)                                                                                                                                                                                                                                                                             |                                          |                         |
| 01 56 26 00-0170 EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts.....                                                                                                                                                                                                                                                                       | 126.36                                   |                         |
| 01 56 26 00-0171 EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts.....                                                                                                                                                                                                                                                                       | 145.80                                   |                         |
| 01 56 26 00-0172 EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts.....                                                                                                                                                                                                                                                                       | 179.83                                   |                         |
| 01 56 26 00-0173 EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....                                                                                                                                                                                                                                                                      | 194.41                                   |                         |
| 01 56 26 00-0174 Temporary Rail And Timber Structure (01 56 26)                                                                                                                                                                                                                                                                                             |                                          |                         |
| 01 56 26 00-0175 LF 4' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                               | 232.63                                   |                         |
| 01 56 26 00-0176 LF 6' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                               | 331.70                                   |                         |
| 01 56 26 00-0177 LF 8' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                               | 430.78                                   |                         |
| 01 56 26 00-0178 LF 10' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                              | 550.23                                   |                         |
| 01 56 26 00-0179 LF 12' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                              | 639.57                                   |                         |
| 01 56 26 00-0180 LF 15' High Temporary Rail And Timber Structure .....<br>Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking<br>with 2" gaps                                                                                                                                              | 733.79                                   |                         |
| 01 56 26 00-0181 Temporary Safety Fence (01 56 26)<br>Note: Includes removal after use.                                                                                                                                                                                                                                                                     |                                          |                         |
| 01 56 26 00-0182 LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence .....                                                                                                                                                                                                                                                          | 3.63                                     |                         |
| 01 56 29 Temporary Protective Walkways (01 56)                                                                                                                                                                                                                                                                                                              |                                          |                         |
| 01 56 29 00-0001 Temporary Sidewalk Bridge Protection (01 56 29)                                                                                                                                                                                                                                                                                            |                                          |                         |
| 01 56 29 00-0002 Installation of Sidewalk Bridge (01 56 29 00-0001)                                                                                                                                                                                                                                                                                         |                                          |                         |
| 01 56 29 00-0003 LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly .....<br>Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.<br>For 3 Post System, Add .....<br>For Each Additional Foot Over 8' Wide, Add .....<br>For Each Additional Foot Over 8' High, Add ..... | 168.19<br>6.00<br>3.00<br>2.00           |                         |
| 01 56 29 00-0004 LF Installation of Netting for Sidewalk Bridge .....                                                                                                                                                                                                                                                                                       | 4.28                                     |                         |
| 01 56 29 00-0005 Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)                                                                                                                                                                                                                                                                                       |                                          |                         |
| 01 56 29 00-0006 LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk<br>Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance.<br>For 3 Post System, Add .....                                                                                        | 15.04<br>2.26                            |                         |
| 01 56 29 00-0007 LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk<br>Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance.<br>For 3 Post System, Add .....                                                                                     | 16.94<br>2.54                            |                         |

|              |                                          |
|--------------|------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>              |
| <b>01 50</b> | <b>Temporary Facilities and Controls</b> |
| <b>01 56</b> | <b>Temporary Barriers and Enclosures</b> |



| MINOR<br>CSI            | UOM  | DESCRIPTION                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 56 29 00-0008        | LF   | Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance. | 18.82                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 2.82                      |                         |
| 01 56 29 00-0009        | LF   | Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance.    | 18.82                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 2.82                      |                         |
| 01 56 29 00-0010        | LF   | Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance. | 20.68                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 3.10                      |                         |
| 01 56 29 00-0011        | LF   | Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance. | 24.48                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 3.67                      |                         |
| 01 56 29 00-0012        | LF   | Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance.    | 22.60                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 3.39                      |                         |
| 01 56 29 00-0013        | LF   | Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance. | 26.36                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 3.95                      |                         |
| 01 56 29 00-0014        | LF   | Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting and maintenance. | 28.20                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 4.23                      |                         |
| 01 56 29 00-0015        | LF   | Monthly Rental of Netting for Sidewalk Bridge.....                                                                                                                                                               | 2.82                      |                         |
| <b>01 56 29 00-0016</b> |      | <b>Removal of Sidewalk Bridge (01 56 29 00-0001)</b>                                                                                                                                                             |                           |                         |
| 01 56 29 00-0017        | LF   | Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....<br>Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.                        | 35.01                     |                         |
|                         |      | For 3 Post System, Add                                                                                                                                                                                           | 2.50                      |                         |
|                         |      | For Each Additional Foot Over 8' Wide, Add                                                                                                                                                                       | 1.25                      |                         |
|                         |      | For Each Additional Foot Over 8' High, Add                                                                                                                                                                       | 0.75                      |                         |
| 01 56 29 00-0018        | LF   | Removal Of Netting For Sidewalk Bridge.....                                                                                                                                                                      | 2.14                      |                         |
| <b>01 56 29 00-0019</b> |      | <b>Temporary Safety Nets (01 56 29)</b>                                                                                                                                                                          |                           |                         |
|                         |      | Note: Includes removal after use.                                                                                                                                                                                |                           |                         |
| 01 56 29 00-0020        | SF   | Small Mesh Debris Netting.....<br>Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.                                   | 2.31                      |                         |
| <b>01 56 33</b>         |      | <b>Temporary Security Barriers (01 56)</b>                                                                                                                                                                       |                           |                         |
| <b>01 56 33 00-0001</b> |      | <b>Board-up Opening With Plywood (01 56 33)</b>                                                                                                                                                                  |                           |                         |
|                         |      | Note: For use where directed by owner for boarding up door and window openings.                                                                                                                                  |                           |                         |
| 01 56 33 00-0002        | OPNG | Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day.....                                                                                                          | 14.59                     |                         |
| 01 56 33 00-0003        | SF   | 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....                                                                                                                           | 8.10                      |                         |
| 01 56 33 00-0004        | SF   | 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....                                                                                                                           | 9.37                      |                         |
| <b>01 56 33 00-0005</b> |      | <b>Temporary Pedestrian Barricade (01 56 33)</b>                                                                                                                                                                 |                           |                         |
|                         |      | Note: Portable, interlocking galvanized steel fence with pivoting legs.                                                                                                                                          |                           |                         |
| 01 56 33 00-0006        | DAY  | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....                                                                                                                                               | 14.05                     |                         |
| 01 56 33 00-0007        | WK   | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....                                                                                                                                               | 34.12                     |                         |
| 01 56 33 00-0008        | MO   | 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....                                                                                                                                               | 102.37                    |                         |
| <b>01 56 39</b>         |      | <b>Temporary Tree and Plant Protection (01 56)</b>                                                                                                                                                               |                           |                         |
| <b>01 56 39 00-0001</b> |      | <b>Temporary Tree Guards (01 56 39)</b>                                                                                                                                                                          |                           |                         |
|                         |      | Note: Includes digging holes and removal after use.                                                                                                                                                              |                           |                         |
| 01 56 39 00-0002        | EA   | Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....                                                                               | 209.00                    |                         |
| 01 56 39 00-0003        | EA   | 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....                                                                                     | 247.09                    |                         |
| 01 56 39 00-0004        | EA   | 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....                                                                                     | 268.39                    |                         |
| <b>01 57</b>            |      | <b>Temporary Controls (01 50)</b>                                                                                                                                                                                |                           |                         |
| <b>01 57 13</b>         |      | <b>Temporary Erosion and Sediment Control (01 57)</b>                                                                                                                                                            |                           |                         |
|                         |      | See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.                                                                                                                                     |                           |                         |
| <b>01 57 23</b>         |      | <b>Temporary Storm Water Pollution Control (01 57)</b>                                                                                                                                                           |                           |                         |
|                         |      | See CSI section 31 25 00 00-0000 for temporary storm water pollution control.                                                                                                                                    |                           |                         |
| <b>01 57 23 00-0001</b> |      | <b>Temporary Drain Guard (01 57 23)</b>                                                                                                                                                                          |                           |                         |
|                         |      | Note: Includes removal after use.                                                                                                                                                                                |                           |                         |





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| General Requirements              |  |  | 01    |
| Temporary Facilities and Controls |  |  | 01 50 |
| Temporary Controls                |  |  | 01 57 |

| MINOR<br>CSI UOM DESCRIPTION                                                     |     |                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST  | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|
| 01 57 23 00-0002                                                                 | EA  | 36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227).....                                                         | 111.93                     |                         |
| 01 57 23 00-0003                                                                 | EA  | 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217).....<br>Note: Up to 0.87 gallons oil, up to 40 lbs sediment. | 109.86                     |                         |
| 01 57 23 00-0004                                                                 | EA  | 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219).....<br>Note: Up to 1.38 gallons oil, up to 40 lbs sediment. | 138.95                     |                         |
| 01 57 23 00-0005                                                                 | EA  | 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356).....<br>Note: Up to 1.55 gallons oil, up to 40 lbs sediment. | 136.86                     |                         |
| 01 57 23 00-0006                                                                 | EA  | 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358).....<br>Note: Up to 2.06 gallons oil, up to 40 lbs sediment. | 168.03                     |                         |
| <b>01 57 26 Site Watering for Dust Control (01 57)</b>                           |     |                                                                                                                                                             |                            |                         |
| <b>01 57 26 00-0001 Site Watering for Dust Control (01 57 26)</b>                |     |                                                                                                                                                             |                            |                         |
| 01 57 26 00-0002                                                                 | MSF | Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) .....<br>Note: GTL (Gas-to-Liquid)                                 | 114.96                     |                         |
| 01 57 26 00-0003                                                                 | MSF | Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....                                        | 42.89                      |                         |
| 01 57 26 00-0004                                                                 | MSF | Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....                                        | 64.57                      |                         |
| 01 57 26 00-0005                                                                 | MSF | Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....                                        | 107.94                     |                         |
| 01 57 26 00-0006                                                                 | MSF | Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....                                       | 151.31                     |                         |
| <b>01 58 Project Identification (01 50)</b><br>Note: Includes removal after use. |     |                                                                                                                                                             |                            |                         |
| <b>01 58 13 Temporary Project Signage (01 58)</b>                                |     |                                                                                                                                                             |                            |                         |
| 01 58 13 00-0001                                                                 |     | Project Sign (01 58 13)                                                                                                                                     |                            |                         |
| 01 58 13 00-0002                                                                 |     | MDO Plywood Signs (01 58 13 00-0001)<br>Note: Excludes posts.                                                                                               |                            |                         |
| 01 58 13 00-0003                                                                 |     | Reflectorized, MDO Plywood Signs (01 58 13 00-0002)                                                                                                         |                            |                         |
| 01 58 13 00-0004                                                                 |     | Engineer Grade, Reflectorized, MDO Plywood Signs (01 58 13 00-0003)                                                                                         |                            |                         |
| 01 58 13 00-0005                                                                 | EA  | Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....<br>For High-Intensity Grade, Add<br>For Diamond Grade, Add       | 177.88<br>43.54<br>83.98   | 26.74                   |
| 01 58 13 00-0006                                                                 | EA  | >8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....<br>For High-Intensity Grade, Add<br>For Diamond Grade, Add      | 304.73<br>87.09<br>167.96  | 27.95                   |
| 01 58 13 00-0007                                                                 | EA  | >16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....<br>For High-Intensity Grade, Add<br>For Diamond Grade, Add     | 431.57<br>130.63<br>251.94 | 29.16                   |
| 01 58 13 00-0008                                                                 | EA  | >24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....<br>For High-Intensity Grade, Add<br>For Diamond Grade, Add     | 558.42<br>174.18<br>335.92 | 30.38                   |
| 01 58 13 00-0009                                                                 | SF  | >32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....<br>For High-Intensity Grade, Add<br>For Diamond Grade, Add           | 17.50<br>5.44<br>10.50     | 0.97                    |
| 01 58 13 00-0010                                                                 |     | Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0002)                                                                                                     |                            |                         |
| 01 58 13 00-0011                                                                 |     | One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)                                                                            |                            |                         |
| 01 58 13 00-0012                                                                 | EA  | Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign.....                                                                               | 222.27                     | 26.74                   |
| 01 58 13 00-0013                                                                 | EA  | >8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                             | 264.99                     | 27.95                   |
| 01 58 13 00-0014                                                                 | EA  | >16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                            | 331.67                     | 29.16                   |
| 01 58 13 00-0015                                                                 | EA  | >24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                            | 394.64                     | 30.38                   |
| 01 58 13 00-0016                                                                 | SF  | >32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                  | 12.38                      | 0.97                    |
| 01 58 13 00-0017                                                                 |     | Full Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)                                                                                  |                            |                         |
| 01 58 13 00-0018                                                                 | EA  | Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                    | 227.02                     | 26.74                   |
| 01 58 13 00-0019                                                                 | EA  | >8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                   | 290.60                     | 27.95                   |
| 01 58 13 00-0020                                                                 | EA  | >16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                  | 357.70                     | 29.16                   |
| 01 58 13 00-0021                                                                 | EA  | >24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                  | 416.95                     | 30.38                   |
| 01 58 13 00-0022                                                                 | SF  | >32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....                                                                                        | 13.08                      | 0.97                    |
| 01 58 13 00-0023                                                                 |     | Fabricate And Install New Posts (01 58 13 00-0001)<br>Note: Includes excavation, backfill and compaction. Excludes core drilling.                           |                            |                         |
| 01 58 13 00-0024                                                                 | LF  | Galvanized Metal Channel Sign Posts.....                                                                                                                    | 15.42                      |                         |
| 01 58 13 00-0025                                                                 | LF  | 4" x 4" Pressure Treated Wood Sign Posts .....                                                                                                              | 12.33                      |                         |
| 01 58 13 00-0026                                                                 | LF  | 4" x 6" Pressure Treated Wood Sign Posts .....                                                                                                              | 15.24                      |                         |
| 01 58 13 00-0027                                                                 |     | Owner Supplied Signs (01 58 13 00-0001)                                                                                                                     |                            |                         |
| 01 58 13 00-0028                                                                 | EA  | Installation And Removal Of Owner Supplied Project Sign.....                                                                                                | 97.21                      |                         |

|    |       |                                   |
|----|-------|-----------------------------------|
| 01 | 01    | General Requirements              |
|    | 01 50 | Temporary Facilities and Controls |
|    | 01 58 | Project Identification            |



| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

01 60 Product Requirements (01)

01 65 Product Delivery Requirements (01 60)

|                  |     |  |                                                                                                                                                                                                                                                                                                                                                                                                       |           |          |
|------------------|-----|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| 01 65 00 00-0001 |     |  | Helicopter Lift (01 65)<br>Note: Includes Helicopter, Crew, Permits, Fuel And Clearances                                                                                                                                                                                                                                                                                                              |           |          |
| 01 65 00 00-0002 | DAY |  | Helicopter Lift <3,500Lbs .....<br>Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.<br>For Weekend Day Usage, Add | 35,872.31 | 3,500.00 |

01 66 Product Storage and Handling Requirements (01 60)

01 66 19 Product Handling Requirements (01 66)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

|                  |    |  |                                                                                                                                                                                                                                                                                       |       |  |
|------------------|----|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 01 66 19 00-0001 |    |  | Transfer Delivered Materials Between Floors (01 66 19)<br>Note: For moving delivered, owner supplied or existing materials in a building.                                                                                                                                             |       |  |
| 01 66 19 00-0002 | CY |  | Transfer Delivered Material Between Floors Via Stairs, Per Floor .....<br>Note: Quantity equals volume of materials multiplied by number of floors traveled.                                                                                                                          | 18.69 |  |
| 01 66 19 00-0003 | CY |  | Transfer Delivered Material Between Floors Via Elevator, Per Trip .....<br>Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.                                           | 12.15 |  |
| 01 66 19 00-0004 |    |  | Transfer Delivered Materials Distances Greater Than 125' (01 66 19)<br>Note: For moving delivered, owner supplied or existing materials in a building.                                                                                                                                |       |  |
| 01 66 19 00-0005 | CY |  | Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' .....<br>                                                                                                                                                                                       | 7.59  |  |
| 01 66 19 00-0006 |    |  | Transfer Demolition Debris Between Floors (01 66 19)<br>Note: Only for use with demolition tasks.                                                                                                                                                                                     |       |  |
| 01 66 19 00-0007 | CY |  | Transfer Demolition Debris Between Floors Via Stairs, Per Floor .....<br>Note: Quantity equals material volume times bulk factor times number of floors traveled.                                                                                                                     | 18.69 |  |
| 01 66 19 00-0008 | CY |  | Transfer Demolition Debris Between Floors Via Elevator, Per Trip .....<br>Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.                                            | 12.15 |  |
| 01 66 19 00-0009 |    |  | Transfer Demolition Debris Distances Greater Than 125' (01 66 19)<br>Note: Only for use with demolition tasks.                                                                                                                                                                        |       |  |
| 01 66 19 00-0010 | CY |  | Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125' .....<br>                                                                                                                                                                                         | 7.59  |  |
| 01 66 19 00-0011 |    |  | Moving Furniture And Furnishings (01 66 19)<br>Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.                                                                                                         |       |  |
| 01 66 19 00-0012 | SF |  | Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings .....<br>Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space. | 1.21  |  |

01 66 23 Off-Site Storage Facilities (01 66)

|                  |    |  |                                                                       |        |  |
|------------------|----|--|-----------------------------------------------------------------------|--------|--|
| 01 66 23 00-0001 |    |  | Climate And Humidity Controlled Off-site Storage Facility (01 66 23)  |        |  |
| 01 66 23 00-0002 | MO |  | 5' x 10', Climate And Humidity Controlled Storage Facility .....<br>  | 299.47 |  |
| 01 66 23 00-0003 | MO |  | 10' x 10', Climate And Humidity Controlled Storage Facility .....<br> | 335.50 |  |
| 01 66 23 00-0004 | MO |  | 10' x 20', Climate And Humidity Controlled Storage Facility .....<br> | 616.96 |  |
| 01 66 23 00-0005 | MO |  | 15' x 15', Climate And Humidity Controlled Storage Facility .....<br> | 758.82 |  |
| 01 66 23 00-0006 | MO |  | 10' x 30', Climate And Humidity Controlled Storage Facility .....<br> | 972.73 |  |

01 70 Execution and Closeout Requirements (01)

01 71 Examination and Preparation (01 70)

01 71 13 Mobilization (01 71)

|                  |    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |  |
|------------------|----|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|
| 01 71 13 00-0001 |    |  | Equipment Delivery, Pickup, Mobilization And Demobilization (01 71 13)<br>Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.                                                                                                                                                                                                                                                                                                         |        |  |
| 01 71 13 00-0002 | EA |  | Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck .....<br>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc. | 475.39 |  |
| 01 71 13 00-0003 | MI |  | >25 Miles, Equipment Delivery And Pickup Using A Rollback Flatbed Truck .....<br>Note: Excludes first 25 miles.                                                                                                                                                                                                                                                                                                                                                               | 5.08   |  |



|                                     |  |       |   |
|-------------------------------------|--|-------|---|
| General Requirements                |  | 01    | Σ |
| Execution and Closeout Requirements |  | 01 70 |   |
| Examination and Preparation         |  | 01 71 |   |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 01 71 13 00-0004 | EA  |     | Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....<br>Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc. | 1,511.41               |                      |
| 01 71 13 00-0005 | MI  |     | >25 Miles, Equipment Delivery And Pickup Using A Tractor Trailer With Up To 53' Bed .....<br>Note: Excludes first 25 miles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12.09                  |                      |
| 01 71 13 00-0006 |     |     | <b>Crane Delivery, Pickup, Mobilization And Demobilization</b> (01 71 13)<br>Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.                                                                                                                                                                                                                                                                                                                                                                |                        |                      |
| 01 71 13 00-0007 | EA  |     | Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane.....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 507.09                 |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 126.77                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 202.84                 |                      |
| 01 71 13 00-0008 | EA  |     | >20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 824.01                 |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 206.00                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 329.60                 |                      |
| 01 71 13 00-0009 | EA  |     | >40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1,140.95               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 285.24                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 456.38                 |                      |
| 01 71 13 00-0010 | EA  |     | >70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1,838.19               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 459.55                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 735.28                 |                      |
| 01 71 13 00-0011 | EA  |     | >110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2,307.25               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 576.81                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 922.90                 |                      |
| 01 71 13 00-0012 | EA  |     | >125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2,871.38               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 717.85                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,148.55               |                      |
| 01 71 13 00-0013 | EA  |     | >150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3,308.74               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 827.19                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,323.50               |                      |
| 01 71 13 00-0014 | EA  |     | >185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane .....<br>Note: Includes delivery and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3,701.75               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 925.44                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,480.70               |                      |
| 01 71 13 00-0015 | EA  |     | 75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1,964.97               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 491.24                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 785.99                 |                      |
| 01 71 13 00-0016 | EA  |     | 100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3,105.92               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 776.48                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,242.37               |                      |
| 01 71 13 00-0017 | EA  |     | 125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3,929.93               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 982.48                 |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,571.97               |                      |
| 01 71 13 00-0018 | EA  |     | 150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4,880.72               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1,220.18               |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,952.29               |                      |
| 01 71 13 00-0019 | EA  |     | 200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6,085.06               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1,521.27               |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2,434.02               |                      |
| 01 71 13 00-0020 | EA  |     | 250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7,099.23               |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1,774.81               |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2,839.69               |                      |
| 01 71 13 00-0021 | EA  |     | 300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10,141.76              |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2,535.44               |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4,056.70               |                      |
| 01 71 13 00-0022 | EA  |     | 500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane.....<br>Note: Includes delivery, rigging and pickup.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13,906.89              |                      |
|                  |     |     | For >30 To 60 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3,476.72               |                      |
|                  |     |     | For >60 To 100 Miles Radius, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5,562.76               |                      |

01 71 23      **Field Engineering** (01 71)  
01 71 23 16      **Construction Surveying** (01 71 23)

|              |                                            |
|--------------|--------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>                |
| <b>01 70</b> | <b>Execution and Closeout Requirements</b> |
| <b>01 71</b> | <b>Examination and Preparation</b>         |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                                                                            |          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 01 71 23 16-0001 | <b>Conventional Topographic Survey</b> (01 71 23 16)                                                                                                                                                                                                                       |          |
|                  | Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage. |          |
| 01 71 23 16-0002 | ACR Conventional Topographic Survey Of Clear Area With Few To No Obstacles.....                                                                                                                                                                                            | 1,302.57 |
| 01 71 23 16-0003 | ACR Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....                                                                                                                                                            | 3,662.22 |
| 01 71 23 16-0004 | ACR Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings).....                                                                                                                                                                | 5,259.70 |
| 01 71 23 16-0005 | ACR Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings).....                                                                                                                                                                     | 7,904.63 |
| 01 71 23 16-0006 | ACR Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....                                                                                                                                                                   | 9,894.63 |
| 01 71 23 16-0007 | <b>Property Lines Survey</b> (01 71 23 16)                                                                                                                                                                                                                                 |          |
|                  | Note: Not to be added to tasks in the "Conventional Topographic Survey" section.                                                                                                                                                                                           |          |
| 01 71 23 16-0008 | LF Survey Property Lines On Cleared Land .....                                                                                                                                                                                                                             | 2.90     |
| 01 71 23 16-0009 | LF Survey Property Lines On Slightly Wooded Land .....                                                                                                                                                                                                                     | 3.37     |
| 01 71 23 16-0010 | LF Survey Property Lines On Wooded Land.....                                                                                                                                                                                                                               | 3.94     |
| 01 71 23 16-0011 | <b>Survey Monument</b> (01 71 23 16)                                                                                                                                                                                                                                       |          |
| 01 71 23 16-0012 | EA 3' Precast Survey Monument.....                                                                                                                                                                                                                                         | 203.87   |
|                  | For Owner Furnished Monument, Deduct .....                                                                                                                                                                                                                                 | -81.99   |
| 01 71 23 16-0013 | EA Precast Survey Monument Box With Cast Iron Frame And Cover.....                                                                                                                                                                                                         | 305.01   |
| 01 71 23 16-0014 | EA Riser Ring For Survey Monument.....                                                                                                                                                                                                                                     | 157.10   |
| 01 71 23 16-0015 | EA Adjust Survey Monument Cover To Grade .....                                                                                                                                                                                                                             | 245.96   |
| 01 71 23 16-0016 | <b>Facade Surveying</b> (01 71 23 16)                                                                                                                                                                                                                                      |          |
| 01 71 23 16-0017 | LF Facade Survey And Reports (LF Of Facade x Number Of Floors) .....                                                                                                                                                                                                       | 8.02     |
| 01 71 23 16-0018 | <b>Utility Survey</b> (01 71 23 16)                                                                                                                                                                                                                                        |          |
|                  | Note: This survey is only for the location of underground utilities.                                                                                                                                                                                                       |          |
| 01 71 23 16-0019 | ACR Survey Clear Area For Underground Utilities.....                                                                                                                                                                                                                       | 6,747.59 |
| 01 71 23 16-0020 | <b>GPR Bridge Deck And Pavement Inspection</b> (01 71 23 16)                                                                                                                                                                                                               |          |
| 01 71 23 16-0021 | <b>GPR Bridge Deck And Pavement Inspection Mobilization Fee</b> (01 71 23 16-0020)                                                                                                                                                                                         |          |
|                  | Note: One mobilization per project.                                                                                                                                                                                                                                        |          |
| 01 71 23 16-0022 | EA GPR Bridge Deck And Pavement Inspection Mobilization Fee .....                                                                                                                                                                                                          | 4,090.82 |
| 01 71 23 16-0023 | <b>Bridge Deck Delamination Survey, GPR Bridge Deck Inspection</b> (01 71 23 16-0020)                                                                                                                                                                                      |          |
|                  | Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.                                                                                                                                          |          |
| 01 71 23 16-0024 | EA Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....                                                                                                                                                                                            | 2,925.60 |
| 01 71 23 16-0025 | SF Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....                                                                                                                                                                                        | 1.23     |
| 01 71 23 16-0026 | SF >5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                  | 0.98     |
| 01 71 23 16-0027 | SF >10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                 | 0.78     |
| 01 71 23 16-0028 | SF >25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                 | 0.59     |
| 01 71 23 16-0029 | SF >50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                | 0.47     |
| 01 71 23 16-0030 | SF >100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                               | 0.37     |
| 01 71 23 16-0031 | SF >250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                          | 0.27     |
| 01 71 23 16-0032 | <b>Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection</b> (01 71 23 16-0020)                                                                                                                                                                      |          |
|                  | Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.                                                                                                                                          |          |
| 01 71 23 16-0033 | EA Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection.....                                                                                                                                                                            | 975.20   |
| 01 71 23 16-0034 | SF Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                                       | 0.06     |
| 01 71 23 16-0035 | <b>Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection</b> (01 71 23 16-0020)                                                                                                                                                                           |          |
|                  | Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.                                                                                                                                          |          |
| 01 71 23 16-0036 | EA Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....                                                                                                                                                                                 | 975.20   |
| 01 71 23 16-0037 | SF Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....                                                                                                                                                                             | 0.45     |
| 01 71 23 16-0038 | SF >5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                       | 0.35     |
| 01 71 23 16-0039 | SF >10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                      | 0.27     |
| 01 71 23 16-0040 | SF >25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                      | 0.21     |
| 01 71 23 16-0041 | SF >50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                     | 0.18     |
| 01 71 23 16-0042 | SF >100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                    | 0.14     |
| 01 71 23 16-0043 | SF >250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....                                                                                                                                                                               | 0.10     |
| 01 71 23 16-0044 | <b>Pavement Structure And Thickness Measurement, GPR Pavement Inspection</b> (01 71 23 16-0020)                                                                                                                                                                            |          |
|                  | Note: Each project will use one task for the length of the pavement surveyed.                                                                                                                                                                                              |          |



|                                     |  |       |   |
|-------------------------------------|--|-------|---|
| General Requirements                |  | 01    | Σ |
| Execution and Closeout Requirements |  | 01 70 |   |
| Examination and Preparation         |  | 01 71 |   |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 71 23 16-0045             | LM | Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....                                                                     | 7,251.59                  |                         |
| 01 71 23 16-0046             | LM | >4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....                                                                     | 3,161.60                  |                         |
| 01 71 23 16-0047             | LM | >9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....                                                                    | 2,354.13                  |                         |
| 01 71 23 16-0048             | LM | >49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....                                                                   | 1,285.31                  |                         |
| 01 71 23 16-0049             | LM | >99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....                                                                         | 1,010.31                  |                         |
| 01 71 23 16-0050             |    | <b>Pavement Thickness Contour (Mapping), GPR Pavement Inspection</b> (01 71 23 16-0020)<br>Note: Each project will use one task for the length of the pavement surveyed. |                           |                         |
| 01 71 23 16-0051             | LM | Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....                                                                             | 9,227.34                  |                         |
| 01 71 23 16-0052             | LM | >4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....                                                                             | 4,339.64                  |                         |
| 01 71 23 16-0053             | LM | >9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....                                                                            | 3,296.18                  |                         |
| 01 71 23 16-0054             | LM | >49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....                                                                           | 1,847.03                  |                         |
| 01 71 23 16-0055             | LM | >99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....                                                                                 | 1,460.85                  |                         |
| 01 71 23 16-0056             |    | <b>Pavement Void Detection (Mapping), GPR Pavement Inspection</b> (01 71 23 16-0020)<br>Note: Each project will use one task for the length of the pavement surveyed.    |                           |                         |
| 01 71 23 16-0057             | LM | Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....                                                                                | 10,957.35                 |                         |
| 01 71 23 16-0058             | LM | >4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....                                                                                | 5,369.45                  |                         |
| 01 71 23 16-0059             | LM | >9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....                                                                               | 4,119.24                  |                         |
| 01 71 23 16-0060             | LM | >49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....                                                                              | 2,338.53                  |                         |
| 01 71 23 16-0061             | LM | >99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....                                                                                    | 1,852.88                  |                         |
| 01 71 23 16-0062             |    | <b>Drone Survey (Extreme Aerial Productions)</b> (01 71 23 16-0062)<br>Note: Thermographic services to electrical line grid inspections                                  |                           |                         |
| 01 71 23 16-0063             |    | <b>Mobilization For Drone Surveying</b> (01 71 23 16-0062)                                                                                                               |                           |                         |
| 01 71 23 16-0064             | EA | Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing .....                                                 | 262.17                    |                         |
| 01 71 23 16-0065             | EA | Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing .....                                                      | 655.42                    |                         |
| 01 71 23 16-0066             | EA | Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter .....                                                  | 174.78                    |                         |
| 01 71 23 16-0067             | EA | Mobilization For Drone Road Survey For Topography/Progression/Inspection .....                                                                                           | 349.56                    |                         |
| 01 71 23 16-0068             | EA | Mobilization For Drone Survey Stockpile .....                                                                                                                            | 174.78                    |                         |
| 01 71 23 16-0069             | EA | Mobilization For Drone Inspection .....                                                                                                                                  | 174.78                    |                         |
| 01 71 23 16-0070             | EA | Mobilization For Qualitative Drone Thermal Inspection .....                                                                                                              | 349.56                    |                         |
| 01 71 23 16-0071             | EA | Mobilization For Quantitative Drone Thermal Inspection .....                                                                                                             | 436.95                    |                         |
| 01 71 23 16-0072             | EA | Mobilization For Drone Agricultural Multispectral Survey .....                                                                                                           | 699.12                    |                         |
| 01 71 23 16-0073             | EA | Mobilization For Drone Building Inspection/Scan/Thermal .....                                                                                                            | 524.34                    |                         |
| 01 71 23 16-0074             | EA | Mobilization For Drone 3D Modelling .....                                                                                                                                | 436.95                    |                         |
| 01 71 23 16-0075             | EA | Mobilization For Drone Spraying Crops Or Sanitation .....                                                                                                                | 786.51                    |                         |
| 01 71 23 16-0076             | EA | Mobilization For Drone Video Progression/Marketing .....                                                                                                                 | 174.78                    |                         |
| 01 71 23 16-0077             | EA | Mobilization For Drone Pictures Progression/Marketing .....                                                                                                              | 174.78                    |                         |
| 01 71 23 16-0078             | EA | Mobilization For Drone Training, Flying, Test Prep, Equipment Checks .....                                                                                               | 174.78                    |                         |
| 01 71 23 16-0079             | EA | Mobilization For Drone Accident Reconstruction .....                                                                                                                     | 174.78                    |                         |
| 01 71 23 16-0080             | EA | Mobilization For Drone Landfill Survey .....                                                                                                                             | 262.17                    |                         |
| 01 71 23 16-0081             | EA | Mobilization For Drone Event Security Using Tethered Drones .....                                                                                                        | 349.56                    |                         |
| 01 71 23 16-0082             | EA | Mobilization For Drone Emergency Response .....                                                                                                                          | 873.90                    |                         |
| 01 71 23 16-0083             | EA | Mobilization For Drone Cell Tower Inspection .....                                                                                                                       | 262.17                    |                         |
| 01 71 23 16-0084             |    | <b>Drone Surveying</b> (01 71 23 16-0062)                                                                                                                                |                           |                         |
| 01 71 23 16-0085             | HR | Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing .....                                                                  | 637.95                    |                         |
|                              |    | Note: 3 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 174.78                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |
| 01 71 23 16-0086             | HR | > 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing .....                                                                      | 812.73                    |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 262.17                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 209.74                    |                         |
| 01 71 23 16-0087             | HR | Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter .....                                                                   | 524.34                    |                         |
|                              |    | Note: 3 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 174.78                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |
| 01 71 23 16-0088             | HR | Drone Road Survey For Topography/Progression/Inspection .....                                                                                                            | 611.73                    |                         |
|                              |    | Note: 3 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 262.17                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |
| 01 71 23 16-0089             | HR | Drone Survey Stockpile .....                                                                                                                                             | 436.95                    |                         |
|                              |    | Note: 3 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 174.78                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |
| 01 71 23 16-0090             | HR | Drone Inspection .....                                                                                                                                                   | 611.73                    |                         |
|                              |    | Note: 3 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 174.78                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |
| 01 71 23 16-0091             | HR | Qualitative Drone Thermal Inspection .....                                                                                                                               | 699.12                    |                         |
|                              |    | Note: 5 hour minimum                                                                                                                                                     |                           |                         |
|                              |    | For Visual Observation, Add                                                                                                                                              | 262.17                    |                         |
|                              |    | For Additional Manpower, Add                                                                                                                                             | 174.78                    |                         |

|              |                                            |
|--------------|--------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>                |
| <b>01 70</b> | <b>Execution and Closeout Requirements</b> |
| <b>01 71</b> | <b>Examination and Preparation</b>         |



| MINOR                   | CSI | UOM | DESCRIPTION                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 71 23 16-0092        | HR  |     | Quantitative Drone Thermal Inspection.....                                         | 1,048.68                  |                         |
|                         |     |     | Note: 5 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 262.17                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0093        | HR  |     | Drone Agricultural Multispectral Survey.....                                       | 786.51                    |                         |
|                         |     |     | Note: 6 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0094        | HR  |     | Drone Building Inspection/Scan/Thermal.....                                        | 699.12                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 262.17                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0095        | HR  |     | Drone 3D Modelling.....                                                            | 524.34                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 262.17                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0096        | HR  |     | Drone Spraying Crops Or Sanitation.....                                            | 699.12                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 218.48                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0097        | HR  |     | Drone Video Progression/Marketing.....                                             | 349.56                    |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0098        | HR  |     | Drone Pictures Progression/Marketing.....                                          | 262.17                    |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0099        | HR  |     | Drone Training, Flying, Test Prep, Equipment Checks.....                           | 524.34                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
| 01 71 23 16-0100        | HR  |     | Drone Accident Reconstruction.....                                                 | 786.51                    |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0101        | HR  |     | Drone Landfill Survey.....                                                         | 637.95                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0102        | HR  |     | Drone Event Security Using Tethered Drones.....                                    | 436.95                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 174.78                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0103        | HR  |     | Drone Emergency Response.....                                                      | 436.95                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 262.17                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| 01 71 23 16-0104        | HR  |     | Drone Cell Tower Inspection.....                                                   | 436.95                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
|                         |     |     | For Visual Observation, Add                                                        | 218.48                    |                         |
|                         |     |     | For Additional Manpower, Add                                                       | 174.78                    |                         |
| <b>01 71 23 16-0105</b> |     |     | <b>Utilization And Deliverables For Drone Surveying (01 71 23 16-0062)</b>         |                           |                         |
| 01 71 23 16-0106        | Day |     | Utilization Of GPS Ground Control For Drone Surveying.....                         | 436.95                    |                         |
| 01 71 23 16-0107        | Day |     | Utilization Of GPS Base Station Per Day For Drone Surveying.....                   | 436.95                    |                         |
| 01 71 23 16-0108        | HR  |     | Processing And Data Deliverables And Reporting For Drone Surveying.....            | 174.78                    |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
| 01 71 23 16-0109        | HR  |     | Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying..... | 349.56                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |
| <b>01 71 23 16-0110</b> |     |     | <b>Travel, Waivers, And Editing For Drone Surveying (01 71 23 16-0062)</b>         |                           |                         |
| 01 71 23 16-0111        | MI  |     | Travel Over 100 Miles For Drone Surveying.....                                     | 1.00                      |                         |
|                         |     |     | Note: For additional miles over 100                                                |                           |                         |
| 01 71 23 16-0112        | EA  |     | Overnight Stay Per Person For Drone Surveying.....                                 | 218.48                    |                         |
| 01 71 23 16-0113        | EA  |     | Waiver Utilization B, C, D, And E For Drone Surveying.....                         | 87.39                     |                         |
|                         |     |     | Note: Restricted airspace                                                          |                           |                         |
| 01 71 23 16-0114        | EA  |     | Night Waiver For Drone Surveying.....                                              | 113.61                    |                         |
| 01 71 23 16-0115        | EA  |     | Flying Over People Waiver For Drone Surveying.....                                 | 174.78                    |                         |
| 01 71 23 16-0116        | EA  |     | Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying.....                | 873.90                    |                         |
| 01 71 23 16-0117        | HR  |     | Editing Video For Drone Surveying.....                                             | 174.78                    |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
| 01 71 23 16-0118        | HR  |     | Editing Pictures For Drone Surveying.....                                          | 87.39                     |                         |
|                         |     |     | Note: 2 hour minimum                                                               |                           |                         |
| 01 71 23 16-0119        | HR  |     | Custom Post Processing For Drone Surveying.....                                    | 262.17                    |                         |
|                         |     |     | Note: 3 hour minimum                                                               |                           |                         |

**01 71 36 Non-Destructive Concrete Examination (01 71)**
**01 71 36 00-0001 Electromagnetic Survey (01 71 36)**

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).



|                                     |  |       |   |
|-------------------------------------|--|-------|---|
| General Requirements                |  | 01    | Σ |
| Execution and Closeout Requirements |  | 01 70 |   |
| Examination and Preparation         |  | 01 71 |   |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 71 36 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)                                                                                                                                                                                                                                     |                           |                         |
| 01 71 36 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....                                                                                                                                                                                     | 1,128.06                  |                         |
| 01 71 36 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....                                                                                                                                                                                    | 1,692.09                  |                         |
| 01 71 36 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....                                                                                                                                                                                    | 3,384.18                  |                         |
| 01 71 36 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)                                                                                                                                                                                                            |                           |                         |
| 01 71 36 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....<br>Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos. | 376.02                    |                         |
| 01 71 36 00-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....<br>Note: Includes GPS coordinates of located items and reference items.                                                                                        | 752.04                    |                         |
| 01 71 36 00-0009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....<br>Note: Includes additions to the owner provided CAD drawing.                                                                                                 | 1,692.09                  |                         |
| 01 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cleaning and Waste Management (01 70)                                                                                                                                                                                                                                                   |                           |                         |
| 01 74 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Progress Cleaning (01 74)                                                                                                                                                                                                                                                               |                           |                         |
| Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                         |                           |                         |
| 01 74 13 00-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | General (01 74 13)                                                                                                                                                                                                                                                                      |                           |                         |
| 01 74 13 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....                                                                                                                                                                                                                    | 24.33                     |                         |
| 01 74 13 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CY Collect Existing Debris And Load Into Truck Or Dumpster.....<br>Note: Per CY of debris removed.                                                                                                                                                                                      | 28.48                     |                         |
| 01 74 13 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CSF Wet Mop, Disinfect And High Efficiency Particulate Air (HEPA) Vacuum Floors (Three Step Process).....<br>Note: For use in contained areas for Class III or IV infection control.                                                                                                    | 22.78                     |                         |
| 01 74 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Site Maintenance (01 74)                                                                                                                                                                                                                                                                |                           |                         |
| 01 74 16 00-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Parking Lot, Roads And Pathway Maintenance (01 74 16)                                                                                                                                                                                                                                   |                           |                         |
| Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                           |                         |
| 01 74 16 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)                                                                                                                                                                                                                               |                           |                         |
| 01 74 16 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MSF Sweep Parking Lot, With Street Sweeper.....                                                                                                                                                                                                                                         | 24.28                     |                         |
| 01 74 16 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....                                                                                                                                                                                                                     | 29.14                     |                         |
| 01 74 16 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Runway Sweeping (01 74 16 00-0001)                                                                                                                                                                                                                                                      |                           |                         |
| 01 74 16 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MSF Sweep Runway, With Street Sweep.....                                                                                                                                                                                                                                                | 36.42                     |                         |
| 01 74 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Construction Waste Management and Disposal (01 74)                                                                                                                                                                                                                                      |                           |                         |
| Note: Tasks in this section shall be used as directed by owner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                         |                           |                         |
| 01 74 19 00-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Debris Chutes (01 74 19)                                                                                                                                                                                                                                                                |                           |                         |
| Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                           |                         |
| 01 74 19 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Steel Temporary Debris Chutes (01 74 19 00-0001)                                                                                                                                                                                                                                        |                           |                         |
| 01 74 19 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 18" Diameter, Steel Temporary Debris Chute.....                                                                                                                                                                                                                                      | 38.86                     |                         |
| 01 74 19 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 30" Diameter, Steel Temporary Debris Chute.....                                                                                                                                                                                                                                      | 59.52                     |                         |
| 01 74 19 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Plastic Temporary Debris Chutes (01 74 19 00-0001)                                                                                                                                                                                                                                      |                           |                         |
| 01 74 19 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 24" Diameter, Plastic Temporary Debris Chute.....<br>For Steel Liner, Add                                                                                                                                                                                                            | 15.40<br>3.09             |                         |
| 01 74 19 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 30" Diameter, Plastic Temporary Debris Chute.....<br>For Steel Liner, Add                                                                                                                                                                                                            | 17.66<br>3.55             |                         |
| 01 74 19 00-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 36" Diameter, Plastic Temporary Debris Chute.....<br>For Steel Liner, Add                                                                                                                                                                                                            | 19.91<br>4.00             |                         |
| 01 74 19 00-0009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Wood Temporary Debris Chutes (01 74 19 00-0001)                                                                                                                                                                                                                                         |                           |                         |
| 01 74 19 00-0010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF 4' x 4', Wood Temporary Debris Chute.....<br>Note: Includes fabrication and installation.                                                                                                                                                                                            | 31.14                     |                         |
| 01 74 19 00-0011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Construction Dumpsters Rental (01 74 19)                                                                                                                                                                                                                                                |                           |                         |
| Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil. |                                                                                                                                                                                                                                                                                         |                           |                         |
| 01 74 19 00-0012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA 10 CY Dumpster "Construction Debris".....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.                                                                                                                      | 501.60                    |                         |

|              |                                            |
|--------------|--------------------------------------------|
| <b>01</b>    | <b>General Requirements</b>                |
| <b>01 70</b> | <b>Execution and Closeout Requirements</b> |
| <b>01 74</b> | <b>Cleaning and Waste Management</b>       |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 01 74 19 00-0013        | EA  | 15 CY Dumpster "Construction Debris" .....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 566.38                    |                         |
| 01 74 19 00-0014        | EA  | 20 CY Dumpster "Construction Debris" .....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 631.15                    |                         |
| 01 74 19 00-0015        | EA  | 30 CY Dumpster "Construction Debris" .....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 802.36                    |                         |
| 01 74 19 00-0016        | EA  | 40 CY Dumpster "Construction Debris" .....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 866.88                    |                         |
| 01 74 19 00-0017        | EA  | 10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" .....<br>Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 760.38                    |                         |
| <b>01 74 19 00-0018</b> |     | <b>Concrete Washout Service (01 74 19)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| 01 74 19 00-0019        | MO  | Rampless Concrete Washout Bin .....<br>Note: Includes delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 543.16                    |                         |
| 01 74 19 00-0020        | MO  | Ramped Concrete Washout Bin .....<br>Note: Includes delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 651.79                    |                         |
| 01 74 19 00-0021        | EA  | Interim Vacuum Service, Concrete Washout Bin .....<br>Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 621.54                    |                         |
| 01 74 19 00-0022        | EA  | Vacuum, Pickup, Swap And Dump, Concrete Washout Bin .....<br>Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,346.67                  |                         |
| <b>01 74 19 00-0023</b> |     | <b>Debris Processing Fee (01 74 19)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| <b>01 74 19 00-0024</b> |     | <b>Material Recycling Fees (01 74 19 00-0023)</b><br>Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| 01 74 19 00-0025        | CY  | Drop-Off Asphalt At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18.51                     |                         |
| 01 74 19 00-0026        | CY  | Drop-Off Non-Reinforced Concrete At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 24.80                     |                         |
| 01 74 19 00-0027        | CY  | Drop-Off Reinforced Concrete At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 37.20                     |                         |
| 01 74 19 00-0028        | CY  | Drop-Off Brick Or Block At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32.24                     |                         |
| 01 74 19 00-0029        | CY  | Drop-Off Dirt At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 35.96                     |                         |
| 01 74 19 00-0030        | CY  | Drop-Off Dimensional Lumber At Recycling Center .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 34.72                     |                         |
| <b>01 74 19 00-0031</b> |     | <b>Landfill Dump Fees (01 74 19 00-0023)</b><br>Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| 01 74 19 00-0032        | CY  | Traditional Building Construction Materials Landfill Dump Fee .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16.50                     |                         |
| 01 74 19 00-0033        | TON | Traditional Building Construction Materials, Landfill Dump Fee .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 71.93                     |                         |
| 01 74 19 00-0034        | CY  | Trees, Stumps And Brush, Landfill Dump Fee .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19.87                     |                         |
| 01 74 19 00-0035        | CY  | Hazardous Materials And Rubbish Landfill Dump Fee .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 47.38                     |                         |
|                         |     | Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| 01 74 19 00-0036        | TON | Dump, Transfer Station Fee For Mixed Material .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 101.68                    |                         |
| 01 74 19 00-0037        | CY  | Non-Reinforced Concrete And/Or Rock, 2" Minus .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.20                      |                         |
| 01 74 19 00-0038        | CY  | Reinforced Concrete And/Or Rock, 2" Minus, Rebar Trimmed To 1" .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.85                      |                         |
| 01 74 19 00-0039        | CY  | Reinforced Concrete not trimmed, 2" Minus .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.40                     |                         |
| 01 74 19 00-0040        | CY  | Mixed Asphalt And Concrete, Sized And Trimmed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7.73                      |                         |
| 01 74 19 00-0041        | CY  | Asphalt Or Asphalt And Dirt, Sized To 2" Minus .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.85                      |                         |
| 01 74 19 00-0042        | CY  | Reinforced Concrete And Asphalt, Not Trimmed, 2" Minus .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12.50                     |                         |
| 01 74 19 00-0043        | CY  | Clean Dirt (No Grass, Weeds, Roots, Plants, Trash) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 51.56                     |                         |
| 01 74 19 00-0044        | CY  | Clay Loads, Expansive Materials .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 64.46                     |                         |
| 01 74 19 00-0045        | CY  | Clean Asphalt, Sized 2" Minus, No Dirt .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9.21                      |                         |
| 01 74 19 00-0046        | TON | General Refuse .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 77.35                     |                         |
| 01 74 19 00-0047        | EA  | Tires .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23.63                     |                         |
| <b>01 74 19 00-0048</b> |     | <b>Hauling (01 74 19)</b><br>Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM. |                           |                         |
| 01 74 19 00-0049        | CYM | Hauling Up To 15 Miles .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.32                      |                         |
| 01 74 19 00-0050        | CYM | Hauling, Miles Over Initial 15 Miles .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.99                      |                         |
| <b>01 74 23</b>         |     | <b>Final Cleaning (01 74)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
| <b>01 74 23 00-0001</b> |     | <b>Cleaning Of Glass (01 74 23)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 01 74 23 00-0002        | CSF | Cleaning Of Existing Glass Surfaces .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32.91                     |                         |

**01 90 Life Cycle Activities (01)****01 91 Commissioning (01 90)****01 91 13 General Commissioning Requirements (01 91)**





|                       |  |       |
|-----------------------|--|-------|
| General Requirements  |  | 01    |
| Life Cycle Activities |  | 01 90 |
| Commissioning         |  | 01 91 |

| MINOR<br>CSI UOM DESCRIPTION                                           |    |                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------|----|---------------------------------------------------------------|---------------------------|-------------------------|
| 01 91 13 00-0001                                                       |    | Commissioning Of Systems <small>(01 91 13)</small>            |                           |                         |
| Note: For use with commissioning of mechanical and electrical systems. |    |                                                               |                           |                         |
| 01 91 13 00-0002                                                       | HR | Commissioning - Fire Protection Sprinkler Systems .....       | 217.26                    |                         |
| 01 91 13 00-0003                                                       | HR | Commissioning - Plumbing Systems .....                        | 220.05                    |                         |
| 01 91 13 00-0004                                                       | HR | Commissioning - HVAC/Mechanical Systems .....                 | 247.56                    |                         |
| 01 91 13 00-0005                                                       | HR | Commissioning - Electrical/Fire Alarms/Security Systems ..... | 244.45                    |                         |

END OF SECTION 01

|    |       |                       |
|----|-------|-----------------------|
| 01 | 01    | General Requirements  |
|    | 01 90 | Life Cycle Activities |
|    | 01 91 | Commissioning         |



| MINOR |     |             | TOTAL DIRECT |  | DEMOLITION |
|-------|-----|-------------|--------------|--|------------|
| CSI   | UOM | DESCRIPTION | UNIT COST    |  | UNIT COST  |

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| Existing Conditions          |  | 02    |
| Assessment                   |  | 02 20 |
| Existing Material Assessment |  | 02 25 |

02

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 02 Existing Conditions

### 02 20 Assessment<sup>(02)</sup>

#### 02 25 Existing Material Assessment<sup>(02 20)</sup>

##### 02 25 16 Existing Concrete, Masonry or Asphalt Assessment<sup>(02 25)</sup>

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

##### 02 25 16 13 Concrete Assessment Drilling<sup>(02 25 16)</sup>

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

### 02 30 Subsurface Investigation<sup>(02)</sup>

#### 02 32 Geotechnical Investigations<sup>(02 30)</sup>

##### 02 32 13 Subsurface Drilling and Sampling<sup>(02 32)</sup>

See CSI section 01 45 23 00-0000 for testing and lab reports.

##### 02 32 13 00-0001 Mobilization Of Drilling Crew<sup>(02 32 13)</sup>

02 32 13 00-0002 EA Mobilization Of Drilling Crew ..... 1,281.81

##### 02 32 13 00-0003 Auger Borings<sup>(02 32 13)</sup>

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals ..... 38.61

##### 02 32 13 00-0005 Cased Borings In Earth, With Samples<sup>(02 32 13)</sup>

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples ..... 97.59

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples ..... 166.89

##### 02 32 13 00-0008 Drilling In Rock, BW Core (2.125")<sup>(02 32 13)</sup>

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing ..... 103.42

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes ..... 9.70

##### 02 32 13 00-0011 Drilling In Rock, NW Core (2.98")<sup>(02 32 13)</sup>

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing ..... 133.66

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes ..... 11.16

##### 02 32 13 00-0014 Test Pits For Boring Activities<sup>(02 32 13)</sup>

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

##### 02 32 13 00-0015 Backhoe Dug Test Pits<sup>(02 32 13 00-0014)</sup>

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation ..... 73.23

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation ..... 85.43

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation ..... 113.90

##### 02 32 13 00-0019 Hand-Dug Test Pits<sup>(02 32 13 00-0014)</sup>

02 32 13 00-0020 CY Excavation For Test Pit, Light Soil, Hand Excavation ..... 216.01

02 32 13 00-0021 CY Excavation For Test Pit, Heavy Soil, Hand Excavation ..... 388.81

##### 02 32 13 00-0022 Shelby Tube Sampling<sup>(02 32 13)</sup>

02 32 13 00-0023 EA Shelby Tube Sampling ..... 54.32

02 32 13 00-0024 EA Penetration Test ..... 44.26

##### 02 32 13 00-0025 Grouting<sup>(02 32 13)</sup>

02 32 13 00-0026 VLF Boreholes ..... 10.30

#### 02 32 19 Exploratory Excavations<sup>(02 32)</sup>

##### 02 32 19 00-0001 Hydro Excavation<sup>(02 32 19)</sup>

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Mobilization/Demobilization ..... 176.11

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge ..... 704.43

Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) ..... 39.13

Note: Normal soil conditions consist of silt, sand and gravel.

**02 Existing Conditions****02 30 Subsurface Investigation****02 32 Geotechnical Investigations**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck).....62.61  
Note: Adverse soil conditions consist of clay, glacial till and rocks.

**02 40 Demolition and Structure Moving** <sup>(02)</sup>**02 41 Demolition** <sup>(02 40)</sup>**02 41 13 Selective Site Demolition** <sup>(02 41)</sup>**02 41 13 13 Paving Removal** <sup>(02 41 13)</sup>**02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving** <sup>(02 41 13 13)</sup>

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

|                  |                                                                              |        |
|------------------|------------------------------------------------------------------------------|--------|
| 02 41 13 13-0002 | SY Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving .....  | 7.61   |
|                  | For >500 To 1,000, Deduct .....                                              | -0.76  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -1.37  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -1.98  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -2.59  |
|                  | For >10,000, Deduct .....                                                    | -3.20  |
| 02 41 13 13-0003 | SY >3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving ..... | 11.40  |
|                  | For >500 To 1,000, Deduct .....                                              | -1.14  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -2.05  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -2.96  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -3.88  |
|                  | For >10,000, Deduct .....                                                    | -4.79  |
| 02 41 13 13-0004 | SY >6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving ..... | 15.21  |
|                  | For >500 To 1,000, Deduct .....                                              | -1.52  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -2.74  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -3.95  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -5.17  |
|                  | For >10,000, Deduct .....                                                    | -6.39  |
| 02 41 13 13-0005 | SY Up To 3" By Machine, Break-up And Leave In Place Concrete Paving .....    | 14.74  |
|                  | For >500 To 1,000, Deduct .....                                              | -1.47  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -2.65  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -3.83  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -5.01  |
|                  | For >10,000, Deduct .....                                                    | -6.19  |
| 02 41 13 13-0006 | SY >3" To 6" By Machine, Break-up And Leave In Place Concrete Paving .....   | 20.81  |
|                  | For >500 To 1,000, Deduct .....                                              | -2.08  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -3.75  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -5.41  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -7.08  |
|                  | For >10,000, Deduct .....                                                    | -8.74  |
| 02 41 13 13-0007 | SY >6" To 9" By Machine, Break-up And Leave In Place Concrete Paving .....   | 29.48  |
|                  | For >500 To 1,000, Deduct .....                                              | -2.95  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -5.31  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -7.66  |
|                  | For >5,000 To 10,000, Deduct .....                                           | -10.02 |
|                  | For >10,000, Deduct .....                                                    | -12.38 |
| 02 41 13 13-0008 | SY >9" To 14" By Machine, Break-up And Leave In Place Concrete Paving .....  | 41.62  |
|                  | For >500 To 1,000, Deduct .....                                              | -4.16  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -7.49  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -10.82 |
|                  | For >5,000 To 10,000, Deduct .....                                           | -14.15 |
|                  | For >10,000, Deduct .....                                                    | -17.48 |
| 02 41 13 13-0009 | SY >14" To 19" By Machine, Break-up And Leave In Place Concrete Paving ..... | 54.43  |
|                  | For >500 To 1,000, Deduct .....                                              | -5.44  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -9.80  |
|                  | For >2,500 To 5,000, Deduct .....                                            | -14.15 |
|                  | For >5,000 To 10,000, Deduct .....                                           | -18.51 |
|                  | For >10,000, Deduct .....                                                    | -22.86 |
| 02 41 13 13-0010 | SY >19" To 24" By Machine, Break-up And Leave In Place Concrete Paving ..... | 70.77  |
|                  | For >500 To 1,000, Deduct .....                                              | -7.08  |
|                  | For >1,000 To 2,500, Deduct .....                                            | -12.74 |
|                  | For >2,500 To 5,000, Deduct .....                                            | -18.40 |
|                  | For >5,000 To 10,000, Deduct .....                                           | -24.06 |
|                  | For >10,000, Deduct .....                                                    | -29.72 |

**02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving** <sup>(02 41 13 13)</sup>

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0038 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

|                  |                                                                           |      |
|------------------|---------------------------------------------------------------------------|------|
| 02 41 13 13-0012 | SF Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving .....  | 1.94 |
| 02 41 13 13-0013 | SF >3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving ..... | 2.46 |
| 02 41 13 13-0014 | SF >6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving ..... | 3.27 |
| 02 41 13 13-0015 | SF Up To 3" By Hand, Break-up And Leave In Place Concrete Paving .....    | 2.43 |
| 02 41 13 13-0016 | SF >3" To 6" By Hand, Break-up And Leave In Place Concrete Paving .....   | 3.09 |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 13 13-0017 | SF  |     | >6" To 9" By Hand, Break-up And Leave In Place Concrete Paving .....                                                                                                                                                                                                                                                                                                                                                                                      | 4.08                      |                         |
| 02 41 13 13-0018 |     |     | By Machine, Break-up And Remove Bituminous And Concrete Paving <sup>(02 41 13 13)</sup><br><i>Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.</i> |                           |                         |
| 02 41 13 13-0019 | SY  |     | Up To 3" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                          | 16.46                     |                         |
|                  |     |     | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add                                                                                                                                                                                                                                                                                                                                                       | 4.94                      |                         |
|                  |     |     | <i>Note: (Around Existing Structures And Obstructions), Add</i>                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8.23                      |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -1.65                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -2.96                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -4.28                     |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -5.60                     |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -6.91                     |                         |
| 02 41 13 13-0020 | SY  |     | >3" To 6" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                         | 22.46                     |                         |
|                  |     |     | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add                                                                                                                                                                                                                                                                                                                                                       | 6.74                      |                         |
|                  |     |     | <i>Note: (Around Existing Structures And Obstructions), Add</i>                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11.23                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -2.25                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -4.04                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -5.84                     |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -7.64                     |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -9.43                     |                         |
| 02 41 13 13-0021 | SY  |     | >6" To 9" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                         | 31.17                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15.59                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -3.12                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -5.61                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -8.10                     |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -10.60                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -13.09                    |                         |
| 02 41 13 13-0022 | SY  |     | >9" To 12" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                        | 40.67                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20.34                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -4.07                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -7.32                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -10.57                    |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -13.83                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -17.08                    |                         |
| 02 41 13 13-0023 | SY  |     | >12" To 15" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                       | 56.61                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28.31                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -5.66                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -10.19                    |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -14.72                    |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -19.25                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -23.78                    |                         |
| 02 41 13 13-0024 | SY  |     | >15" To 18" By Machine, Break-up And Remove Bituminous Paving .....                                                                                                                                                                                                                                                                                                                                                                                       | 77.83                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 38.92                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -7.78                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -14.01                    |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -20.24                    |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -26.46                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -32.69                    |                         |
| 02 41 13 13-0025 | SY  |     | Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving .....                                                                                                                                                                                                                                                                                                                                                                             | 18.93                     |                         |
|                  |     |     | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add                                                                                                                                                                                                                                                                                                                                                       | 5.68                      |                         |
|                  |     |     | <i>Note: (Around Existing Structures And Obstructions), Add</i>                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9.47                      |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -1.89                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -3.41                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -4.92                     |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -6.44                     |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -7.95                     |                         |
| 02 41 13 13-0026 | SY  |     | >3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving .....                                                                                                                                                                                                                                                                                                                                                                            | 24.77                     |                         |
|                  |     |     | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add                                                                                                                                                                                                                                                                                                                                                       | 7.43                      |                         |
|                  |     |     | <i>Note: (Around Existing Structures And Obstructions), Add</i>                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12.39                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -2.48                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -4.46                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -6.44                     |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -8.42                     |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -10.40                    |                         |
| 02 41 13 13-0027 | SY  |     | >6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving .....                                                                                                                                                                                                                                                                                                                                                                            | 44.23                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -4.42                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -7.96                     |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -11.50                    |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -15.04                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -18.58                    |                         |
| 02 41 13 13-0028 | SY  |     | >9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving .....                                                                                                                                                                                                                                                                                                                                                                           | 57.78                     |                         |
|                  |     |     | For Elevated Slab, Add                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28.89                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                 | -5.78                     |                         |
|                  |     |     | For >1,000 To 2,500, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -10.40                    |                         |
|                  |     |     | For >2,500 To 5,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                               | -15.02                    |                         |
|                  |     |     | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                              | -19.65                    |                         |
|                  |     |     | For >10,000, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                       | -24.27                    |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                     |        |
|------------------|-----------------------------------------------------------------------------------------------------|--------|
| 02 41 13 13-0029 | SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....             | 25.12  |
|                  | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add | 7.54   |
|                  | Note: (Around Existing Structures And Obstructions), Add                                            |        |
|                  | For Elevated Slab, Add                                                                              | 12.56  |
|                  | For >500 To 1,000, Deduct                                                                           | -2.51  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -4.52  |
|                  | For >2,500 To 5,000, Deduct                                                                         | -6.53  |
|                  | For >5,000 To 10,000, Deduct                                                                        | -8.54  |
|                  | For >10,000, Deduct                                                                                 | -10.55 |
| 02 41 13 13-0030 | SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....            | 32.55  |
|                  | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add | 9.77   |
|                  | Note: (Around Existing Structures And Obstructions), Add                                            |        |
|                  | For Elevated Slab, Add                                                                              | 16.28  |
|                  | For >500 To 1,000, Deduct                                                                           | -3.26  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -5.86  |
|                  | For >2,500 To 5,000, Deduct                                                                         | -8.46  |
|                  | For >5,000 To 10,000, Deduct                                                                        | -11.07 |
|                  | For >10,000, Deduct                                                                                 | -13.67 |
| 02 41 13 13-0031 | SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....            | 53.96  |
|                  | For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add | 16.19  |
|                  | Note: (Around Existing Structures And Obstructions), Add                                            |        |
|                  | For Elevated Slab, Add                                                                              | 26.98  |
|                  | For >500 To 1,000, Deduct                                                                           | -5.40  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -9.71  |
|                  | For >2,500 To 5,000, Deduct                                                                         | -14.03 |
|                  | For >5,000 To 10,000, Deduct                                                                        | -18.35 |
|                  | For >10,000, Deduct                                                                                 | -22.66 |
| 02 41 13 13-0032 | SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                     | 27.24  |
|                  | For Elevated Slab, Add                                                                              | 13.62  |
|                  | For >500 To 1,000, Deduct                                                                           | -2.72  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -4.90  |
|                  | For >2,500 To 5,000, Deduct                                                                         | -7.08  |
|                  | For >5,000 To 10,000, Deduct                                                                        | -9.26  |
|                  | For >10,000, Deduct                                                                                 | -11.44 |
| 02 41 13 13-0033 | SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                    | 35.03  |
|                  | For Elevated Slab, Add                                                                              | 17.52  |
|                  | For >500 To 1,000, Deduct                                                                           | -3.50  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -6.31  |
|                  | For >2,500 To 5,000, Deduct                                                                         | -9.11  |
|                  | For >5,000 To 10,000, Deduct                                                                        | -11.91 |
|                  | For >10,000, Deduct                                                                                 | -14.71 |
| 02 41 13 13-0034 | SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                    | 62.62  |
|                  | For Elevated Slab, Add                                                                              | 31.31  |
|                  | For >500 To 1,000, Deduct                                                                           | -6.26  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -11.27 |
|                  | For >2,500 To 5,000, Deduct                                                                         | -16.28 |
|                  | For >5,000 To 10,000, Deduct                                                                        | -21.29 |
|                  | For >10,000, Deduct                                                                                 | -26.30 |
| 02 41 13 13-0035 | SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                   | 81.73  |
|                  | For Elevated Slab, Add                                                                              | 40.87  |
|                  | For >500 To 1,000, Deduct                                                                           | -8.17  |
|                  | For >1,000 To 2,500, Deduct                                                                         | -14.71 |
|                  | For >2,500 To 5,000, Deduct                                                                         | -21.25 |
|                  | For >5,000 To 10,000, Deduct                                                                        | -27.79 |
|                  | For >10,000, Deduct                                                                                 | -34.33 |
| 02 41 13 13-0036 | SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                  | 106.85 |
|                  | For Elevated Slab, Add                                                                              | 53.43  |
|                  | For >500 To 1,000, Deduct                                                                           | -10.69 |
|                  | For >1,000 To 2,500, Deduct                                                                         | -19.23 |
|                  | For >2,500 To 5,000, Deduct                                                                         | -27.78 |
|                  | For >5,000 To 10,000, Deduct                                                                        | -36.33 |
|                  | For >10,000, Deduct                                                                                 | -44.88 |
| 02 41 13 13-0037 | SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....                  | 129.68 |
|                  | For Elevated Slab, Add                                                                              | 64.84  |
|                  | For >500 To 1,000, Deduct                                                                           | -12.97 |
|                  | For >1,000 To 2,500, Deduct                                                                         | -23.34 |
|                  | For >2,500 To 5,000, Deduct                                                                         | -33.72 |
|                  | For >5,000 To 10,000, Deduct                                                                        | -44.09 |
|                  | For >10,000, Deduct                                                                                 | -54.47 |

**02 41 13 13-0038****By Hand, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)**

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

|                  |                                                                                       |       |
|------------------|---------------------------------------------------------------------------------------|-------|
| 02 41 13 13-0039 | SF Up To 3" By Hand, Break-up And Remove Bituminous Paving.....                       | 4.34  |
| 02 41 13 13-0040 | SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving.....                      | 5.71  |
| 02 41 13 13-0041 | SF >6" To 9" By Hand, Break-up And Remove Bituminous Paving.....                      | 7.42  |
| 02 41 13 13-0042 | SF Up To 3" By Hand, Break-up And Remove Concrete Paving.....                         | 5.42  |
| 02 41 13 13-0043 | SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....                        | 7.49  |
| 02 41 13 13-0044 | SF >6" To 9" By Hand, Break-up And Remove Concrete Paving.....                        | 9.59  |
| 02 41 13 13-0045 | SF Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....  | 7.59  |
| 02 41 13 13-0046 | SF >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving..... | 10.48 |
| 02 41 13 13-0047 | SF >6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving..... | 13.42 |



|                                        |  |              |
|----------------------------------------|--|--------------|
| <b>Existing Conditions</b>             |  | <b>02</b>    |
| <b>Demolition and Structure Moving</b> |  | <b>02 40</b> |
| <b>Demolition</b>                      |  | <b>02 41</b> |

| MINOR                                                                           |     | TOTAL DIRECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | DEMOLITION |  |
|---------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|--|
| CSI UOM DESCRIPTION                                                             |     | UNIT COST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        | UNIT COST  |  |
|                                                                                 |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
| 02 41 13 13-0048 Grind Concrete (02 41 13 13)                                   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
| 02 41 13 13-0049                                                                | EA  | Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 214.75 |            |  |
|                                                                                 |     | Note: For each location up to 5' wide, feather up to 12" each direction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |            |  |
|                                                                                 |     | For >1/2" To 1" Depth Of Grinding, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32.21  |            |  |
|                                                                                 |     | For >1" To 1-1/2" Depth Of Grinding, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 53.69  |            |  |
|                                                                                 |     | For Up To 5, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 42.95  |            |  |
|                                                                                 |     | For >5 To 10, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21.48  |            |  |
|                                                                                 |     | For >25 To 50, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -21.48 |            |  |
|                                                                                 |     | For >50 To 250, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -32.21 |            |  |
|                                                                                 |     | For >250, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -42.95 |            |  |
|                                                                                 |     | For Sidewalks >5', Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 21.48  |            |  |
|                                                                                 |     | For Up To 12" Additional Feathering Per Side, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21.48  |            |  |
| 02 41 13 15 Hydro Demolition (02 41 13)                                         |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
| 02 41 13 15-0001 Hydro Demolition Of Concrete Pavement (02 41 13 15)            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
|                                                                                 |     | Note: Includes removal but excludes disposal of concrete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |            |  |
| 02 41 13 15-0002                                                                | SF  | Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8.29   |            |  |
| 02 41 13 15-0003                                                                | SF  | >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10.37  |            |  |
| 02 41 13 15-0004                                                                | SF  | >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13.87  |            |  |
| 02 41 13 15-0005                                                                | SF  | >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 27.60  |            |  |
| 02 41 16 Structure Demolition (02 41)                                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
| 02 41 16 13 Building Demolition (02 41 16)                                      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
| 02 41 16 13-0001 Building Interior Demolition (02 41 16 13)                     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
|                                                                                 |     | Note: Guttled and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |            |  |
| 02 41 16 13-0002                                                                | GSF | Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8.43   |            |  |
| 02 41 16 13-0003                                                                | GSF | Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12.75  |            |  |
| 02 41 16 13-0004                                                                | GSF | >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10.43  |            |  |
| 02 41 16 13-0005                                                                | GSF | >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9.27   |            |  |
| 02 41 16 13-0006 Commercial And Residential Structures Demolition (02 41 16 13) |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
|                                                                                 |     | Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value. |        |            |  |
| 02 41 16 13-0007 Steel Framed Building Demolition (02 41 16 13-0006)            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |
|                                                                                 |     | Note: Includes masonry partitions and concrete decks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |            |  |
| 02 41 16 13-0008                                                                | CCF | By Pneumatic Tools/Hand, Steel Framed Building Demolition .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 77.89  |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -5.84  |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -11.68 |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -17.53 |            |  |
|                                                                                 |     | For Up To 500, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23.37  |            |  |
|                                                                                 |     | For >500 To 1,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15.58  |            |  |
|                                                                                 |     | For >1,000 To 2,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.79   |            |  |
|                                                                                 |     | For Volume Of Area Within 15' To An Adjacent Building, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 25.70  |            |  |
|                                                                                 |     | For No Interior Partitions, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -19.47 |            |  |
| 02 41 16 13-0009                                                                | CCF | By Machine, Steel Framed Building Demolition.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 48.59  |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -3.64  |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -7.29  |            |  |
|                                                                                 |     | For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -10.93 |            |  |
|                                                                                 |     | For Up To 500, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14.58  |            |  |
|                                                                                 |     | For >500 To 1,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9.72   |            |  |
|                                                                                 |     | For >1,000 To 2,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.86   |            |  |
|                                                                                 |     | For Work >3 Stories To 6 Stories (Exclude Volume Below), Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7.29   |            |  |
|                                                                                 |     | For Work >6 Stories To 10 Stories (Exclude Volume Below), Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12.15  |            |  |
|                                                                                 |     | For Work >10 Stories To 15 Stories (Exclude Volume Below), Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17.01  |            |  |
|                                                                                 |     | For Volume Of Area Within 15' To An Adjacent Building, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16.03  |            |  |
|                                                                                 |     | For No Interior Partitions, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -12.15 |            |  |
| 02 41 16 13-0010 Reinforced Concrete Building Demolition (02 41 16 13-0006)     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |            |  |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR<br>CSI UOM DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 16 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition .....                    | 97.74                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -7.33                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -14.66                    |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -21.99                    |                         |
| For Up To 500, Add                                                                                             | 29.32                     |                         |
| For >500 To 1,000, Add                                                                                         | 19.55                     |                         |
| For >1,000 To 2,000, Add                                                                                       | 9.77                      |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 32.25                     |                         |
| For No Interior Partitions, Deduct                                                                             | -24.44                    |                         |
| 02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition .....                                 | 64.17                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -4.81                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -9.63                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -14.44                    |                         |
| For Up To 500, Add                                                                                             | 19.25                     |                         |
| For >500 To 1,000, Add                                                                                         | 12.83                     |                         |
| For >1,000 To 2,000, Add                                                                                       | 6.42                      |                         |
| For Work >3 Stories To 6 Stories (Exclude Volume Below), Add                                                   | 9.63                      |                         |
| For Work >6 Stories To 10 Stories (Exclude Volume Below), Add                                                  | 16.04                     |                         |
| For Work >10 Stories To 15 Stories (Exclude Volume Below), Add                                                 | 22.46                     |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 21.18                     |                         |
| For No Interior Partitions, Deduct                                                                             | -16.04                    |                         |
| <b>02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006) .....</b>                      | <b>68.69</b>              |                         |
| 02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition .....                   | 68.69                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -5.15                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -10.30                    |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -15.46                    |                         |
| For Up To 500, Add                                                                                             | 20.61                     |                         |
| For >500 To 1,000, Add                                                                                         | 13.74                     |                         |
| For >1,000 To 2,000, Add                                                                                       | 6.87                      |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 22.67                     |                         |
| For No Interior Partitions, Deduct                                                                             | -17.17                    |                         |
| 02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition .....                                | 43.61                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -3.27                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -6.54                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -9.81                     |                         |
| For Up To 500, Add                                                                                             | 13.08                     |                         |
| For >500 To 1,000, Add                                                                                         | 8.72                      |                         |
| For >1,000 To 2,000, Add                                                                                       | 4.36                      |                         |
| For Work >3 Stories To 6 Stories (Exclude Volume Below), Add                                                   | 6.54                      |                         |
| For Work >6 Stories To 10 Stories (Exclude Volume Below), Add                                                  | 10.90                     |                         |
| For Work >10 Stories To 15 Stories (Exclude Volume Below), Add                                                 | 15.26                     |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 14.39                     |                         |
| For No Interior Partitions, Deduct                                                                             | -10.90                    |                         |
| <b>02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006) .....</b>                   | <b>59.69</b>              |                         |
| 02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition .....                | 59.69                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -4.48                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -8.95                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -13.43                    |                         |
| For Up To 500, Add                                                                                             | 17.91                     |                         |
| For >500 To 1,000, Add                                                                                         | 11.94                     |                         |
| For >1,000 To 2,000, Add                                                                                       | 5.97                      |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 19.70                     |                         |
| For No Interior Partitions, Deduct                                                                             | -14.92                    |                         |
| 02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition .....                             | 37.32                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct                                         | -2.80                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct                                         | -5.60                     |                         |
| For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct                                         | -8.40                     |                         |
| For Up To 500, Add                                                                                             | 11.20                     |                         |
| For >500 To 1,000, Add                                                                                         | 7.46                      |                         |
| For >1,000 To 2,000, Add                                                                                       | 3.73                      |                         |
| For Work >3 Stories To 6 Stories (Exclude Volume Below), Add                                                   | 5.60                      |                         |
| For Volume Of Area Within 15' To An Adjacent Building, Add                                                     | 12.32                     |                         |
| For No Interior Partitions, Deduct                                                                             | -9.33                     |                         |
| <b>02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006) .....</b> | <b>10.68</b>              |                         |
| Note: Per building volume.                                                                                     |                           |                         |
| 02 41 16 13-0020 CCF Sorting Of Material Debris For Recycling Prior To Hauling Off .....                       | 10.68                     |                         |
| For Up To 500, Add                                                                                             | 3.20                      |                         |
| For >500 To 1,000, Add                                                                                         | 2.14                      |                         |
| For >1,000 To 2,000, Add                                                                                       | 1.07                      |                         |
| <b>02 41 16 13-0021 Foundation Demolition (02 41 16 13) .....</b>                                              | <b></b>                   |                         |
| Note: Excludes earthwork.                                                                                      |                           |                         |
| <b>02 41 16 13-0022 Concrete Foundation Demolition (02 41 16 13-0021) .....</b>                                | <b></b>                   |                         |
| 02 41 16 13-0023 CF Non-Reinforced Concrete Foundation Demolition .....                                        | 16.15                     |                         |
| For >135 To 405, Deduct                                                                                        | -1.41                     |                         |
| For >405 To 810, Deduct                                                                                        | -2.83                     |                         |
| For >810 To 2025, Deduct                                                                                       | -4.04                     |                         |
| For >2025, Deduct                                                                                              | -6.46                     |                         |





|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR                                                                         | CSI | UOM | DESCRIPTION                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------|------------------------|----------------------|
| 02 41 16 13-0024                                                              | CF  |     | Reinforced Concrete Foundation Demolition .....                        | 19.37                  |                      |
|                                                                               |     |     | For >135 To 405, Deduct                                                | -1.69                  |                      |
|                                                                               |     |     | For >405 To 810, Deduct                                                | -3.39                  |                      |
|                                                                               |     |     | For >810 To 2025, Deduct                                               | -4.84                  |                      |
|                                                                               |     |     | For >2025, Deduct                                                      | -7.75                  |                      |
| 02 41 16 13-0025 Concrete Foundation Wall Demolition (02 41 16 13-0021)       |     |     |                                                                        |                        |                      |
| 02 41 16 13-0026                                                              | SF  |     | 4" Thick Non-Reinforced Concrete Foundation Wall Demolition.....       | 6.92                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.52                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.38                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -2.42                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -3.81                  |                      |
| 02 41 16 13-0027                                                              | SF  |     | 6" Thick Non-Reinforced Concrete Foundation Wall Demolition.....       | 9.23                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.69                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.85                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -3.23                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -5.08                  |                      |
| 02 41 16 13-0028                                                              | SF  |     | 8" Thick Non-Reinforced Concrete Foundation Wall Demolition.....       | 11.53                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.86                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -2.31                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -4.04                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -6.34                  |                      |
| 02 41 16 13-0029                                                              | SF  |     | 10" Thick Non-Reinforced Concrete Foundation Wall Demolition.....      | 13.84                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.04                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -2.77                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -4.84                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -7.61                  |                      |
| 02 41 16 13-0030                                                              | SF  |     | 12" Thick Non-Reinforced Concrete Foundation Wall Demolition.....      | 16.15                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.21                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -3.23                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -5.65                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -8.88                  |                      |
| 02 41 16 13-0031                                                              | SF  |     | 16" Thick Non-Reinforced Concrete Foundation Wall Demolition.....      | 18.45                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.38                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -3.69                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -6.46                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -10.15                 |                      |
| 02 41 16 13-0032                                                              | SF  |     | 4" Thick Reinforced Concrete Foundation Wall Demolition .....          | 8.30                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.62                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.66                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -2.91                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -4.57                  |                      |
| 02 41 16 13-0033                                                              | SF  |     | 6" Thick Reinforced Concrete Foundation Wall Demolition .....          | 11.07                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.83                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -2.21                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -3.87                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -6.09                  |                      |
| 02 41 16 13-0034                                                              | SF  |     | 8" Thick Reinforced Concrete Foundation Wall Demolition .....          | 13.84                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.04                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -2.77                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -4.84                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -7.61                  |                      |
| 02 41 16 13-0035                                                              | SF  |     | 10" Thick Reinforced Concrete Foundation Wall Demolition .....         | 16.38                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.23                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -3.28                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -5.73                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -9.01                  |                      |
| 02 41 16 13-0036                                                              | SF  |     | 12" Thick Reinforced Concrete Foundation Wall Demolition .....         | 19.37                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.45                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -3.87                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -6.78                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -10.65                 |                      |
| 02 41 16 13-0037                                                              | SF  |     | 16" Thick Reinforced Concrete Foundation Wall Demolition .....         | 22.14                  |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -1.66                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -4.43                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -7.75                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -12.18                 |                      |
| 02 41 16 13-0038 Concrete Block Foundation Wall Demolition (02 41 16 13-0021) |     |     |                                                                        |                        |                      |
| 02 41 16 13-0039                                                              | SF  |     | 4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition..... | 5.07                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.38                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.01                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -1.77                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -2.79                  |                      |
| 02 41 16 13-0040                                                              | SF  |     | 6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition..... | 5.42                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.41                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.08                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -1.90                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -2.98                  |                      |
| 02 41 16 13-0041                                                              | SF  |     | 8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition..... | 6.11                   |                      |
|                                                                               |     |     | For >500 To 2,000, Deduct                                              | -0.46                  |                      |
|                                                                               |     |     | For >2,000 To 6,000, Deduct                                            | -1.22                  |                      |
|                                                                               |     |     | For >6,000 To 8,000, Deduct                                            | -2.14                  |                      |
|                                                                               |     |     | For >8,000, Deduct                                                     | -3.36                  |                      |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR            | CSI | UOM | DESCRIPTION                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 16 13-0042 | SF  |     | 10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition ..... | 7.03                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.53                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.41                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.46                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -3.87                     |                         |
| 02 41 16 13-0043 | SF  |     | 12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition ..... | 7.85                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.59                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.57                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.75                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -4.32                     |                         |
| 02 41 16 13-0044 | SF  |     | 16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition ..... | 9.80                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.74                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.96                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -3.43                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -5.39                     |                         |
| 02 41 16 13-0045 | SF  |     | 4" Thick Reinforced Concrete Block Foundation Wall Demolition .....      | 6.09                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.46                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.22                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.13                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -3.35                     |                         |
| 02 41 16 13-0046 | SF  |     | 6" Thick Reinforced Concrete Block Foundation Wall Demolition .....      | 6.50                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.49                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.30                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.28                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -3.58                     |                         |
| 02 41 16 13-0047 | SF  |     | 8" Thick Reinforced Concrete Block Foundation Wall Demolition .....      | 7.34                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.55                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.47                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.57                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -4.04                     |                         |
| 02 41 16 13-0048 | SF  |     | 10" Thick Reinforced Concrete Block Foundation Wall Demolition .....     | 8.44                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.63                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.69                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.95                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -4.64                     |                         |
| 02 41 16 13-0049 | SF  |     | 12" Thick Reinforced Concrete Block Foundation Wall Demolition .....     | 9.41                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.71                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.88                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -3.29                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -5.18                     |                         |
| 02 41 16 13-0050 | SF  |     | 16" Thick Reinforced Concrete Block Foundation Wall Demolition .....     | 11.76                     |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.88                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -2.35                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -4.12                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -6.47                     |                         |
| 02 41 16 13-0051 |     |     | <b>Brick Foundation Wall Demolition</b> (02 41 16 13-0021) .....         | 5.07                      |                         |
| 02 41 16 13-0052 | SF  |     | 4" Thick Brick Foundation Wall Demolition .....                          | 5.07                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.38                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.01                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -1.77                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -2.79                     |                         |
| 02 41 16 13-0053 | SF  |     | 6" Thick Brick Foundation Wall Demolition .....                          | 5.42                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.41                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.08                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -1.90                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -2.98                     |                         |
| 02 41 16 13-0054 | SF  |     | 8" Thick Brick Foundation Wall Demolition .....                          | 6.11                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.46                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.22                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.14                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -3.36                     |                         |
| 02 41 16 13-0055 | SF  |     | 10" Thick Brick Foundation Wall Demolition .....                         | 7.03                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.53                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.41                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.46                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -3.87                     |                         |
| 02 41 16 13-0056 | SF  |     | 12" Thick Brick Foundation Wall Demolition .....                         | 7.85                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.59                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.57                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -2.75                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -4.32                     |                         |
| 02 41 16 13-0057 | SF  |     | 16" Thick Brick Foundation Wall Demolition .....                         | 9.80                      |                         |
|                  |     |     | For >500 To 2,000, Deduct .....                                          | -0.74                     |                         |
|                  |     |     | For >2,000 To 6,000, Deduct .....                                        | -1.96                     |                         |
|                  |     |     | For >6,000 To 8,000, Deduct .....                                        | -3.43                     |                         |
|                  |     |     | For >8,000, Deduct .....                                                 | -5.39                     |                         |
| 02 41 16 13-0058 |     |     | <b>Stone Foundation Demolition</b> (02 41 16 13-0021) .....              |                           |                         |
| 02 41 16 13-0059 | CF  |     | Stone Footing Or Foundation Wall Demolition .....                        | 16.15                     |                         |
|                  |     |     | For >135 To 405, Deduct .....                                            | -1.41                     |                         |
|                  |     |     | For >405 To 810, Deduct .....                                            | -2.83                     |                         |
|                  |     |     | For >810 To 2025, Deduct .....                                           | -4.04                     |                         |
|                  |     |     | For >2025, Deduct .....                                                  | -6.46                     |                         |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR<br>CSI UOM DESCRIPTION                                                          |                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 16 13-0060 Other Foundation Demolition (02 41 16 13-0021)                       |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 16 13-0061 CF                                                                   | Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition.....                                                                                                                                                                                                                                                                                                  | 16.69                     |                         |
|                                                                                       | Note: Includes excavation.                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
|                                                                                       | For >135 To 405, Deduct                                                                                                                                                                                                                                                                                                                                                              | -1.46                     |                         |
|                                                                                       | For >405 To 810, Deduct                                                                                                                                                                                                                                                                                                                                                              | -2.92                     |                         |
|                                                                                       | For >810 To 2025, Deduct                                                                                                                                                                                                                                                                                                                                                             | -4.17                     |                         |
|                                                                                       | For >2025, Deduct                                                                                                                                                                                                                                                                                                                                                                    | -6.68                     |                         |
| 02 41 19 Selective Demolition (02 41)                                                 |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 19 13 Selective Building Demolition (02 41 19)                                  |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 19 13-0001 Exterior Masonry Removal (02 41 19 13)                               |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0001)   |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 19 13-0003 VLF                                                                  | 8" x 8" Masonry Column Removal .....                                                                                                                                                                                                                                                                                                                                                 | 16.29                     |                         |
| 02 41 19 13-0004 VLF                                                                  | 10" x 10" Masonry Column Removal .....                                                                                                                                                                                                                                                                                                                                               | 25.45                     |                         |
| 02 41 19 13-0005 VLF                                                                  | 12" x 12" Masonry Column Removal .....                                                                                                                                                                                                                                                                                                                                               | 32.61                     |                         |
| 02 41 19 13-0006 VLF                                                                  | 14" x 14" Masonry Column Removal .....                                                                                                                                                                                                                                                                                                                                               | 40.82                     |                         |
| 02 41 19 13-0007 VLF                                                                  | 16" x 16" Masonry Column Removal .....                                                                                                                                                                                                                                                                                                                                               | 50.15                     |                         |
| 02 41 19 13-0008 CF                                                                   | Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square .....                                                                                                                                                                                                                                                                                             | 28.16                     |                         |
| 02 41 19 13-0009 Masonry Chimney Removal (02 41 19 13-0001)                           |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 41 19 13-0010 CF                                                                   | Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....                                                                                                                                                                                                                                                                                                                      | 33.04                     |                         |
| 02 41 19 13-0011 CF                                                                   | >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....                                                                                                                                                                                                                                                                                                                     | 24.81                     |                         |
| 02 41 19 13-0012 CF                                                                   | >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....                                                                                                                                                                                                                                                                                                                    | 18.98                     |                         |
| 02 41 19 13-0013 CF                                                                   | >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....                                                                                                                                                                                                                                                                                                                          | 13.15                     |                         |
| 02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0001) |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
|                                                                                       | Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.                                                                                                                                                 |                           |                         |
| 02 41 19 13-0015 LF                                                                   | Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....                                                                                                                                                                                                                                                                                                               | 19.80                     |                         |
| 02 41 19 13-0016 LF                                                                   | >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....                                                                                                                                                                                                                                                                                                             | 29.50                     |                         |
| 02 41 19 13-0017 LF                                                                   | >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....                                                                                                                                                                                                                                                                                                            | 56.19                     |                         |
| 02 41 19 13-0018 Facade Removal (02 41 19 13-0001)                                    |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
|                                                                                       | Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.                                                                                                          |                           |                         |
| 02 41 19 13-0019 SF                                                                   | Stone Or Brick Veneer Facade Removal .....                                                                                                                                                                                                                                                                                                                                           | 6.20                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 9.30                      |                         |
| 02 41 19 13-0020 Exterior Masonry Removal (02 41 19 13-0001)                          |                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
|                                                                                       | Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting. |                           |                         |
| 02 41 19 13-0021 SF                                                                   | Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                  | 5.46                      |                         |
| 02 41 19 13-0022 SF                                                                   | Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                  | 6.15                      |                         |
| 02 41 19 13-0023 SF                                                                   | Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                  | 7.44                      |                         |
| 02 41 19 13-0024 SF                                                                   | Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                 | 8.14                      |                         |
| 02 41 19 13-0025 SF                                                                   | Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                 | 8.93                      |                         |
| 02 41 19 13-0026 SF                                                                   | Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                 | 11.17                     |                         |
| 02 41 19 13-0027 SF                                                                   | Demolish 4" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                      | 6.45                      |                         |
| 02 41 19 13-0028 SF                                                                   | Demolish 6" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                      | 7.38                      |                         |
| 02 41 19 13-0029 SF                                                                   | Demolish 8" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                      | 8.93                      |                         |
| 02 41 19 13-0030 SF                                                                   | Demolish 10" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                     | 9.77                      |                         |
| 02 41 19 13-0031 SF                                                                   | Demolish 12" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                     | 10.72                     |                         |
| 02 41 19 13-0032 SF                                                                   | Demolish 16" Thick Reinforced Concrete Block Exterior Wall .....                                                                                                                                                                                                                                                                                                                     | 13.40                     |                         |
| 02 41 19 13-0033 SF                                                                   | Demolish 4" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                          | 5.46                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 8.19                      |                         |
| 02 41 19 13-0034 SF                                                                   | Demolish 6" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                          | 6.15                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 9.23                      |                         |
| 02 41 19 13-0035 SF                                                                   | Demolish 8" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                          | 7.44                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 11.16                     |                         |
| 02 41 19 13-0036 SF                                                                   | Demolish 10" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                         | 8.14                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 12.21                     |                         |
| 02 41 19 13-0037 SF                                                                   | Demolish 12" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                         | 8.93                      |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 13.40                     |                         |
| 02 41 19 13-0038 SF                                                                   | Demolish 16" Thick Brick Exterior Wall .....                                                                                                                                                                                                                                                                                                                                         | 11.17                     |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 16.76                     |                         |
| 02 41 19 13-0039 CF                                                                   | Exterior Brick, Concrete Block Or Composite Removal .....                                                                                                                                                                                                                                                                                                                            | 15.87                     |                         |
|                                                                                       | For Cleaning and Storage For Reuse, Add                                                                                                                                                                                                                                                                                                                                              | 23.81                     |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                                                                                                                                                                                                                                                                               |                                                                                            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------|
| 02 41 19 13-0040                                                                                                                                                                                                                                                                                                                                                              | Lintel Removal (02 41 19 13-0001)                                                          |          |
| Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.                                                                                                   |                                                                                            |          |
| 02 41 19 13-0041                                                                                                                                                                                                                                                                                                                                                              | LF Demolish Steel Lintel .....                                                             | 12.02    |
| 02 41 19 13-0042                                                                                                                                                                                                                                                                                                                                                              | LF Demolish Concrete Or Stone Lintel .....                                                 | 16.03    |
| 02 41 19 13-0043                                                                                                                                                                                                                                                                                                                                                              | LF Demolish Steel Shelf Angle .....                                                        | 12.69    |
| 02 41 19 13-0044                                                                                                                                                                                                                                                                                                                                                              | Reinstall Lintel (02 41 19 13-0001)                                                        |          |
| Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.                                                                                                                                                                                                                      |                                                                                            |          |
| 02 41 19 13-0045                                                                                                                                                                                                                                                                                                                                                              | LF Clean, Prime And Paint Steel Shelf Angle Or Lintel.....                                 | 7.01     |
| 02 41 19 13-0046                                                                                                                                                                                                                                                                                                                                                              | LF Reinstall Existing Concrete Or Stone Lintel .....                                       | 16.03    |
| 02 41 19 13-0047                                                                                                                                                                                                                                                                                                                                                              | LF Reinstall Existing Steel Shelf Angle .....                                              | 46.77    |
| Note: Includes fasteners.                                                                                                                                                                                                                                                                                                                                                     |                                                                                            |          |
| 02 41 19 13-0048                                                                                                                                                                                                                                                                                                                                                              | LF Reinstall Existing Steel Lintel.....                                                    | 17.81    |
| 02 41 19 13-0049                                                                                                                                                                                                                                                                                                                                                              | LF Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls ..... | 80.08    |
| 02 41 19 13-0050                                                                                                                                                                                                                                                                                                                                                              | LF Removal And Replacement Of Steel Lintel Over Window Openings .....                      | 154.58   |
| 02 41 19 13-0051                                                                                                                                                                                                                                                                                                                                                              | Exterior Concrete Wall Removal (02 41 19 13)                                               |          |
| 02 41 19 13-0052                                                                                                                                                                                                                                                                                                                                                              | SF Demolish 4" Thick Reinforced Concrete Exterior Wall .....                               | 7.18     |
| 02 41 19 13-0053                                                                                                                                                                                                                                                                                                                                                              | SF Demolish 6" Thick Reinforced Concrete Exterior Wall .....                               | 13.03    |
| 02 41 19 13-0054                                                                                                                                                                                                                                                                                                                                                              | SF Demolish 8" Thick Reinforced Concrete Exterior Wall .....                               | 16.38    |
| 02 41 19 13-0055                                                                                                                                                                                                                                                                                                                                                              | SF Demolish 10" Thick Reinforced Concrete Exterior Wall .....                              | 19.32    |
| 02 41 19 13-0056                                                                                                                                                                                                                                                                                                                                                              | SF Demolish 12" Thick Reinforced Concrete Exterior Wall .....                              | 22.83    |
| 02 41 19 13-0057                                                                                                                                                                                                                                                                                                                                                              | Elevated Concrete Removal (02 41 19 13)                                                    |          |
| 02 41 19 13-0058                                                                                                                                                                                                                                                                                                                                                              | CF Elevated Concrete Beam/Slab/Steps Removal, Reinforced .....                             | 13.95    |
| 02 41 19 13-0059                                                                                                                                                                                                                                                                                                                                                              | Saw Cutting (02 41 19 13)                                                                  |          |
| Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section. |                                                                                            |          |
| 02 41 19 13-0060                                                                                                                                                                                                                                                                                                                                                              | LF Bituminous Paving Up To 4" Depth, Saw Cut .....                                         | 2.44     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 0.95     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.24    |
| 02 41 19 13-0061                                                                                                                                                                                                                                                                                                                                                              | LF Brick Masonry Up To 4" Depth, Saw Cut .....                                             | 9.30     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.69     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.92    |
| 02 41 19 13-0062                                                                                                                                                                                                                                                                                                                                                              | LF Concrete Block Up To 4" Depth, Saw Cut .....                                            | 8.40     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.33     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.83    |
| 02 41 19 13-0063                                                                                                                                                                                                                                                                                                                                                              | LF Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut .....                    | 2.79     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 1.08     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.27    |
| 02 41 19 13-0064                                                                                                                                                                                                                                                                                                                                                              | LF Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....                      | 3.70     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 1.44     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.36    |
| 02 41 19 13-0065                                                                                                                                                                                                                                                                                                                                                              | LF Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....                              | 6.16     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 2.42     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.60    |
| 02 41 19 13-0066                                                                                                                                                                                                                                                                                                                                                              | LF Plain Concrete Walls Up To 4" Depth, Saw Cut .....                                      | 11.90    |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 4.72     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -1.18    |
| 02 41 19 13-0067                                                                                                                                                                                                                                                                                                                                                              | LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth .....                              | 15.99    |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 6.35     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -1.58    |
| 02 41 19 13-0068                                                                                                                                                                                                                                                                                                                                                              | LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets .....                           | 3.23     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 1.17     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.28    |
| 02 41 19 13-0069                                                                                                                                                                                                                                                                                                                                                              | LF Igneous Stone Pavements Up To 4" Depth, Saw Cut .....                                   | 8.42     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.33     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.83    |
| 02 41 19 13-0070                                                                                                                                                                                                                                                                                                                                                              | LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut .....                               | 8.42     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.33     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.83    |
| 02 41 19 13-0071                                                                                                                                                                                                                                                                                                                                                              | LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut .....                               | 8.42     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.33     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.83    |
| 02 41 19 13-0072                                                                                                                                                                                                                                                                                                                                                              | LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut .....                                  | 8.42     |
| For Each Additional Pass (Depth To 3"), Add                                                                                                                                                                                                                                                                                                                                   |                                                                                            | 3.33     |
| For >250, Deduct                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | -0.83    |
| 02 41 19 13-0073                                                                                                                                                                                                                                                                                                                                                              | EA Saw Cut Minimum Charge .....                                                            | 1,149.33 |
| Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.                                                                                                                                                                           |                                                                                            |          |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 13-0074 Torch Cutting (02 41 19 13)<br>Note: Includes grinding edge                                                                                                                             |                           |                         |
| 02 41 19 13-0075 LF Up To 1/2", Torch Cut Steel Plate.....                                                                                                                                               | 3.02                      |                         |
| 02 41 19 13-0076 LF >1/2" To 1" Thick, Torch Cut Steel Plate .....                                                                                                                                       | 6.04                      |                         |
| 02 41 19 13-0077 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate .....                                                                                                                                     | 9.06                      |                         |
| 02 41 19 13-0078 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate .....                                                                                                                                     | 12.08                     |                         |
| 02 41 19 13-0079 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate .....                                                                                                                                     | 15.10                     |                         |
| 02 41 19 13-0080 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate .....                                                                                                                                     | 18.11                     |                         |
| 02 41 19 13-0081 EA Torch Cutting Minimum Charge.....                                                                                                                                                    | 997.18                    |                         |
| Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively.<br>This task should not be used in conjunction with any other tasks in this section. |                           |                         |
| 02 41 19 13-0082 Drilling In Existing Materials (02 41 19 13)<br>Note: Includes drill bit wear, water, layout, set-up and clean-up.                                                                      |                           |                         |
| 02 41 19 13-0083 Concrete Core Drilling (02 41 19 13-0082)                                                                                                                                               |                           |                         |
| 02 41 19 13-0084 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0083)                                                                                                                                |                           |                         |
| 02 41 19 13-0085 EA Drill 1" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 45.66                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 9.04                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 18.08                     |                         |
| 02 41 19 13-0086 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete .....                                                                                                                                | 50.65                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 10.04                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 20.07                     |                         |
| 02 41 19 13-0087 EA Drill 2" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 56.25                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 11.16                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 22.31                     |                         |
| 02 41 19 13-0088 EA Drill 3" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 80.32                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 15.94                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 31.88                     |                         |
| 02 41 19 13-0089 EA Drill 4" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 107.63                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 21.35                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 42.71                     |                         |
| 02 41 19 13-0090 EA Drill 6" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 120.60                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 23.90                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 47.81                     |                         |
| 02 41 19 13-0091 EA Drill 8" Diameter Core In Up To 4" Concrete.....                                                                                                                                     | 192.73                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 38.25                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 76.50                     |                         |
| 02 41 19 13-0092 EA Drill 10" Diameter Core In Up To 4" Concrete.....                                                                                                                                    | 241.07                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 47.81                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 95.62                     |                         |
| 02 41 19 13-0093 EA Drill 12" Diameter Core In Up To 4" Concrete.....                                                                                                                                    | 281.31                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 55.78                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 111.56                    |                         |
| 02 41 19 13-0094 EA Drill 14" Diameter Core In Up To 4" Concrete.....                                                                                                                                    | 321.57                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 63.74                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 127.48                    |                         |
| 02 41 19 13-0095 EA Drill 18" Diameter Core In Up To 4" Concrete.....                                                                                                                                    | 362.22                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 71.71                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 143.41                    |                         |
| 02 41 19 13-0096 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0083)                                                                                                                               |                           |                         |
| 02 41 19 13-0097 EA Drill 1" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 65.25                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 12.91                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 25.81                     |                         |
| 02 41 19 13-0098 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....                                                                                                                                | 72.41                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 14.34                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 28.68                     |                         |
| 02 41 19 13-0099 EA Drill 2" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 80.38                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 15.93                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 31.86                     |                         |
| 02 41 19 13-0100 EA Drill 3" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 96.61                     |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 19.12                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 38.25                     |                         |
| 02 41 19 13-0101 EA Drill 4" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 120.84                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 23.90                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 47.81                     |                         |
| 02 41 19 13-0102 EA Drill 6" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 161.00                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 31.87                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 63.74                     |                         |
| 02 41 19 13-0103 EA Drill 8" Diameter Core In >4" To 6" Concrete.....                                                                                                                                    | 241.28                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 47.81                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 95.62                     |                         |
| 02 41 19 13-0104 EA Drill 10" Diameter Core In >4" To 6" Concrete.....                                                                                                                                   | 281.91                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 55.78                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 111.56                    |                         |
| 02 41 19 13-0105 EA Drill 12" Diameter Core In >4" To 6" Concrete.....                                                                                                                                   | 322.31                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 63.74                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 127.48                    |                         |
| 02 41 19 13-0106 EA Drill 14" Diameter Core In >4" To 6" Concrete.....                                                                                                                                   | 362.92                    |                         |
| For Horizontal Cores, Add                                                                                                                                                                                | 71.71                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                                                                                                                                        | 143.41                    |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR                                                                                  |     |                                                                   | TOTAL DIRECT |           | DEMOLITION |
|----------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|--------------|-----------|------------|
| CSI                                                                                    | UOM | DESCRIPTION                                                       | UNIT COST    | UNIT COST | UNIT COST  |
| 02 41 19 13-0107                                                                       | EA  | Drill 18" Diameter Core In >4" To 6" Concrete.....                | 404.08       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 79.68        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 159.36       |           |            |
| <b>02 41 19 13-0108 &gt;6" To 8" Thick Concrete Core Drilling (02 41 19 13-0083)</b>   |     |                                                                   |              |           |            |
| 02 41 19 13-0109                                                                       | EA  | Drill 1" Diameter Core In >6" To 8" Concrete.....                 | 71.98        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 14.20        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 28.40        |           |            |
| 02 41 19 13-0110                                                                       | EA  | Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....             | 79.86        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 15.78        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 31.55        |           |            |
| 02 41 19 13-0111                                                                       | EA  | Drill 2" Diameter Core In >6" To 8" Concrete.....                 | 88.63        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 17.53        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 35.06        |           |            |
| 02 41 19 13-0112                                                                       | EA  | Drill 3" Diameter Core In >6" To 8" Concrete.....                 | 104.94       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 20.72        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 41.44        |           |            |
| 02 41 19 13-0113                                                                       | EA  | Drill 4" Diameter Core In >6" To 8" Concrete.....                 | 137.22       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 27.09        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 54.18        |           |            |
| 02 41 19 13-0114                                                                       | EA  | Drill 6" Diameter Core In >6" To 8" Concrete.....                 | 193.44       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 38.25        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 76.50        |           |            |
| 02 41 19 13-0115                                                                       | EA  | Drill 8" Diameter Core In >6" To 8" Concrete.....                 | 321.69       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 63.74        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 127.48       |           |            |
| 02 41 19 13-0116                                                                       | EA  | Drill 10" Diameter Core In >6" To 8" Concrete.....                | 362.54       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 71.71        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 143.41       |           |            |
| 02 41 19 13-0117                                                                       | EA  | Drill 12" Diameter Core In >6" To 8" Concrete.....                | 403.20       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 79.68        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 159.36       |           |            |
| 02 41 19 13-0118                                                                       | EA  | Drill 14" Diameter Core In >6" To 8" Concrete.....                | 444.06       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 87.63        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 175.26       |           |            |
| 02 41 19 13-0119                                                                       | EA  | Drill 18" Diameter Core In >6" To 8" Concrete.....                | 485.77       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 95.62        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 191.24       |           |            |
| <b>02 41 19 13-0120 &gt;8" To 10" Thick Concrete Core Drilling (02 41 19 13-0083)</b>  |     |                                                                   |              |           |            |
| 02 41 19 13-0121                                                                       | EA  | Drill 1" Diameter Core In >8" To 10" Concrete.....                | 85.14        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 16.78        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 33.56        |           |            |
| 02 41 19 13-0122                                                                       | EA  | Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....            | 94.47        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 18.65        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 37.29        |           |            |
| 02 41 19 13-0123                                                                       | EA  | Drill 2" Diameter Core In >8" To 10" Concrete.....                | 104.82       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 20.72        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 41.43        |           |            |
| 02 41 19 13-0124                                                                       | EA  | Drill 3" Diameter Core In >8" To 10" Concrete.....                | 121.23       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 23.90        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 47.81        |           |            |
| 02 41 19 13-0125                                                                       | EA  | Drill 4" Diameter Core In >8" To 10" Concrete.....                | 137.68       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 27.09        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 54.18        |           |            |
| 02 41 19 13-0126                                                                       | EA  | Drill 6" Diameter Core In >8" To 10" Concrete.....                | 194.00       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 38.25        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 76.50        |           |            |
| 02 41 19 13-0127                                                                       | EA  | Drill 8" Diameter Core In >8" To 10" Concrete.....                | 322.45       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 63.74        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 127.48       |           |            |
| 02 41 19 13-0128                                                                       | EA  | Drill 10" Diameter Core In >8" To 10" Concrete.....               | 363.54       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 71.71        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 143.41       |           |            |
| 02 41 19 13-0129                                                                       | EA  | Drill 12" Diameter Core In >8" To 10" Concrete.....               | 404.32       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 79.66        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 159.32       |           |            |
| 02 41 19 13-0130                                                                       | EA  | Drill 14" Diameter Core In >8" To 10" Concrete.....               | 445.57       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 87.63        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 175.26       |           |            |
| 02 41 19 13-0131                                                                       | EA  | Drill 18" Diameter Core In >8" To 10" Concrete.....               | 487.65       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 95.59        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 191.19       |           |            |
| <b>02 41 19 13-0132 &gt;10" To 12" Thick Concrete Core Drilling (02 41 19 13-0083)</b> |     |                                                                   |              |           |            |
| 02 41 19 13-0133                                                                       | EA  | Drill 1" Diameter Core In >10" To 12" Concrete.....               | 91.86        |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 18.07        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 36.14        |           |            |
| 02 41 19 13-0134                                                                       | EA  | Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....           | 101.90       |           |            |
|                                                                                        |     | For Horizontal Cores, Add                                         | 20.08        |           |            |
|                                                                                        |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add | 40.16        |           |            |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR<br>CSI UOM DESCRIPTION                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 13-0135 EA Drill 2" Diameter Core In >10" To 12" Concrete.....               | 113.06                    |                         |
| For Horizontal Cores, Add                                                             | 22.31                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 44.62                     |                         |
| 02 41 19 13-0136 EA Drill 3" Diameter Core In >10" To 12" Concrete.....               | 121.59                    |                         |
| For Horizontal Cores, Add                                                             | 23.90                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 47.81                     |                         |
| 02 41 19 13-0137 EA Drill 4" Diameter Core In >10" To 12" Concrete.....               | 162.05                    |                         |
| For Horizontal Cores, Add                                                             | 37.87                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 63.74                     |                         |
| 02 41 19 13-0138 EA Drill 6" Diameter Core In >10" To 12" Concrete.....               | 210.49                    |                         |
| For Horizontal Cores, Add                                                             | 41.44                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 82.87                     |                         |
| 02 41 19 13-0139 EA Drill 8" Diameter Core In >10" To 12" Concrete.....               | 339.17                    |                         |
| For Horizontal Cores, Add                                                             | 66.93                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 133.86                    |                         |
| 02 41 19 13-0140 EA Drill 10" Diameter Core In >10" To 12" Concrete.....              | 384.54                    |                         |
| For Horizontal Cores, Add                                                             | 71.71                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 143.41                    |                         |
| 02 41 19 13-0141 EA Drill 12" Diameter Core In >10" To 12" Concrete.....              | 421.57                    |                         |
| For Horizontal Cores, Add                                                             | 82.87                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 165.75                    |                         |
| 02 41 19 13-0142 >12" Thick Concrete Core Drilling (02 41 19 13-0083)                 |                           |                         |
| 02 41 19 13-0143 IN Drill 1" Diameter Core In >12" Concrete.....                      | 11.18                     |                         |
| For Horizontal Cores, Add                                                             | 2.21                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 4.42                      |                         |
| 02 41 19 13-0144 IN Drill 1-1/2" Diameter Core In >12" Concrete.....                  | 12.41                     |                         |
| For Horizontal Cores, Add                                                             | 2.46                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 4.91                      |                         |
| 02 41 19 13-0145 IN Drill 2" Diameter Core In >12" Concrete.....                      | 13.77                     |                         |
| For Horizontal Cores, Add                                                             | 2.73                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 5.46                      |                         |
| 02 41 19 13-0146 IN Drill 3" Diameter Core In >12" Concrete.....                      | 15.11                     |                         |
| For Horizontal Cores, Add                                                             | 2.99                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 5.98                      |                         |
| 02 41 19 13-0147 IN Drill 4" Diameter Core In >12" Concrete.....                      | 20.13                     |                         |
| For Horizontal Cores, Add                                                             | 3.98                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 7.96                      |                         |
| 02 41 19 13-0148 IN Drill 6" Diameter Core In >12" Concrete.....                      | 26.20                     |                         |
| For Horizontal Cores, Add                                                             | 5.18                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 10.37                     |                         |
| 02 41 19 13-0149 IN Drill 8" Diameter Core In >12" Concrete.....                      | 42.25                     |                         |
| For Horizontal Cores, Add                                                             | 8.37                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 16.75                     |                         |
| 02 41 19 13-0150 IN Drill 10" Diameter Core In >12" Concrete.....                     | 45.51                     |                         |
| For Horizontal Cores, Add                                                             | 9.00                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 18.00                     |                         |
| 02 41 19 13-0151 IN Drill 12" Diameter Core In >12" Concrete.....                     | 52.42                     |                         |
| For Horizontal Cores, Add                                                             | 10.36                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 20.73                     |                         |
| 02 41 19 13-0152 Brick/Concrete Block Core Drilling (02 41 19 13-0082)                |                           |                         |
| 02 41 19 13-0153 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152) |                           |                         |
| 02 41 19 13-0154 EA Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....      | 36.62                     |                         |
| For Horizontal Cores, Add                                                             | 7.23                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 14.46                     |                         |
| 02 41 19 13-0155 EA Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....  | 40.63                     |                         |
| For Horizontal Cores, Add                                                             | 8.03                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 16.06                     |                         |
| 02 41 19 13-0156 EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....      | 45.09                     |                         |
| For Horizontal Cores, Add                                                             | 8.92                      |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 17.85                     |                         |
| 02 41 19 13-0157 EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....      | 64.38                     |                         |
| For Horizontal Cores, Add                                                             | 12.75                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 25.50                     |                         |
| 02 41 19 13-0158 EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....      | 86.28                     |                         |
| For Horizontal Cores, Add                                                             | 17.08                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 34.17                     |                         |
| 02 41 19 13-0159 EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....      | 96.70                     |                         |
| For Horizontal Cores, Add                                                             | 19.12                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 38.25                     |                         |
| 02 41 19 13-0160 EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....      | 154.47                    |                         |
| For Horizontal Cores, Add                                                             | 30.60                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 61.20                     |                         |
| 02 41 19 13-0161 EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....     | 193.26                    |                         |
| For Horizontal Cores, Add                                                             | 38.25                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 76.50                     |                         |
| 02 41 19 13-0162 EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....     | 225.53                    |                         |
| For Horizontal Cores, Add                                                             | 44.62                     |                         |
| For Overhead Ceiling Cores (Where Not Accessible From Above), Add                     | 89.25                     |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR                                                                                             | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 13-0163                                                                                  | EA  |     | Drill 14" Diameter Core In Up To 4" Brick/Concrete Block .....                 | 257.83                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 50.99                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 101.98                    |                         |
| 02 41 19 13-0164                                                                                  | EA  |     | Drill 18" Diameter Core In Up To 4" Brick/Concrete Block .....                 | 290.51                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 57.36                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 114.73                    |                         |
| <b>02 41 19 13-0165 &gt;4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)</b>  |     |     |                                                                                |                           |                         |
| 02 41 19 13-0166                                                                                  | EA  |     | Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 52.35                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 10.33                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 20.65                     |                         |
| 02 41 19 13-0167                                                                                  | EA  |     | Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block .....             | 58.08                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 11.47                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 22.94                     |                         |
| 02 41 19 13-0168                                                                                  | EA  |     | Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 64.46                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 12.75                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 25.50                     |                         |
| 02 41 19 13-0169                                                                                  | EA  |     | Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 77.49                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 15.30                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 30.60                     |                         |
| 02 41 19 13-0170                                                                                  | EA  |     | Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 96.94                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 19.12                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 38.25                     |                         |
| 02 41 19 13-0171                                                                                  | EA  |     | Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 129.13                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 25.50                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 51.00                     |                         |
| 02 41 19 13-0172                                                                                  | EA  |     | Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block .....                 | 193.47                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 38.25                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 76.50                     |                         |
| 02 41 19 13-0173                                                                                  | EA  |     | Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block .....                | 226.13                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 44.62                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 89.25                     |                         |
| 02 41 19 13-0174                                                                                  | EA  |     | Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block .....                | 258.57                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 50.99                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 101.98                    |                         |
| 02 41 19 13-0175                                                                                  | EA  |     | Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block .....                | 291.21                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 57.36                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 114.73                    |                         |
| 02 41 19 13-0176                                                                                  | EA  |     | Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block .....                | 324.40                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 63.74                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 127.48                    |                         |
| <b>02 41 19 13-0177 &gt;6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)</b>  |     |     |                                                                                |                           |                         |
| 02 41 19 13-0178                                                                                  | EA  |     | Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 57.77                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 11.36                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 22.72                     |                         |
| 02 41 19 13-0179                                                                                  | EA  |     | Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block .....             | 64.09                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 12.62                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 25.24                     |                         |
| 02 41 19 13-0180                                                                                  | EA  |     | Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 71.10                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 14.02                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 28.05                     |                         |
| 02 41 19 13-0181                                                                                  | EA  |     | Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 84.21                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 16.57                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 33.14                     |                         |
| 02 41 19 13-0182                                                                                  | EA  |     | Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 110.13                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 21.67                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 43.34                     |                         |
| 02 41 19 13-0183                                                                                  | EA  |     | Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 155.18                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 30.60                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 61.20                     |                         |
| 02 41 19 13-0184                                                                                  | EA  |     | Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block .....                 | 257.95                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 50.99                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 101.98                    |                         |
| 02 41 19 13-0185                                                                                  | EA  |     | Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block .....                | 290.83                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 57.36                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 114.73                    |                         |
| 02 41 19 13-0186                                                                                  | EA  |     | Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block .....                | 323.52                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 63.74                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 127.48                    |                         |
| 02 41 19 13-0187                                                                                  | EA  |     | Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block .....                | 356.43                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 70.10                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 140.21                    |                         |
| 02 41 19 13-0188                                                                                  | EA  |     | Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block .....                | 390.15                    |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 76.49                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 152.99                    |                         |
| <b>02 41 19 13-0189 &gt;8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)</b> |     |     |                                                                                |                           |                         |
| 02 41 19 13-0190                                                                                  | EA  |     | Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block .....                | 68.36                     |                         |
|                                                                                                   |     |     | <i>For Horizontal Cores, Add</i> .....                                         | 13.42                     |                         |
|                                                                                                   |     |     | <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> ..... | 26.85                     |                         |





|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR                                                                                    | CSI | UOM | DESCRIPTION                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------|------------------------|----------------------|
| 02 41 19 13-0191                                                                         | EA  |     | Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block.....  | 75.82                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 14.92                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 29.83                  |                      |
| 02 41 19 13-0192                                                                         | EA  |     | Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block.....      | 84.10                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 16.57                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 33.14                  |                      |
| 02 41 19 13-0193                                                                         | EA  |     | Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block.....      | 97.33                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 19.12                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 38.25                  |                      |
| 02 41 19 13-0194                                                                         | EA  |     | Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block.....      | 110.59                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 21.67                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 43.34                  |                      |
| 02 41 19 13-0195                                                                         | EA  |     | Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block.....      | 155.74                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 30.80                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 61.20                  |                      |
| 02 41 19 13-0196                                                                         | EA  |     | Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block.....      | 258.71                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 50.99                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 101.98                 |                      |
| 02 41 19 13-0197                                                                         | EA  |     | Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block.....     | 291.83                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 57.36                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 114.73                 |                      |
| 02 41 19 13-0198                                                                         | EA  |     | Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block.....     | 324.66                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 63.73                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 127.46                 |                      |
| 02 41 19 13-0199                                                                         | EA  |     | Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block.....     | 357.94                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 70.10                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 140.21                 |                      |
| 02 41 19 13-0200                                                                         | EA  |     | Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block.....     | 392.06                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 76.48                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 152.95                 |                      |
| 02 41 19 13-0201 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152) |     |     |                                                                     |                        |                      |
| 02 41 19 13-0202                                                                         | EA  |     | Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 73.78                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 14.46                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 28.91                  |                      |
| 02 41 19 13-0203                                                                         | EA  |     | Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block..... | 81.82                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 16.06                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 32.13                  |                      |
| 02 41 19 13-0204                                                                         | EA  |     | Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 90.74                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 17.85                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 35.70                  |                      |
| 02 41 19 13-0205                                                                         | EA  |     | Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 97.69                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 19.12                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 38.25                  |                      |
| 02 41 19 13-0206                                                                         | EA  |     | Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 130.18                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 25.50                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 51.00                  |                      |
| 02 41 19 13-0207                                                                         | EA  |     | Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 169.06                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 33.15                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 66.30                  |                      |
| 02 41 19 13-0208                                                                         | EA  |     | Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block.....     | 272.23                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 53.54                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 107.09                 |                      |
| 02 41 19 13-0209                                                                         | EA  |     | Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block.....    | 292.83                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 57.36                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 114.73                 |                      |
| 02 41 19 13-0210                                                                         | EA  |     | Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block.....    | 338.69                 |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 66.30                  |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 132.60                 |                      |
| 02 41 19 13-0211 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)        |     |     |                                                                     |                        |                      |
| 02 41 19 13-0212                                                                         | IN  |     | Drill 1" Diameter Core In >12" Brick/Concrete Block.....            | 8.97                   |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 1.77                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 3.54                   |                      |
| 02 41 19 13-0213                                                                         | IN  |     | Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block.....        | 9.95                   |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 1.96                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 3.93                   |                      |
| 02 41 19 13-0214                                                                         | IN  |     | Drill 2" Diameter Core In >12" Brick/Concrete Block.....            | 11.04                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 2.18                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 4.36                   |                      |
| 02 41 19 13-0215                                                                         | IN  |     | Drill 3" Diameter Core In >12" Brick/Concrete Block.....            | 12.12                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 2.39                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 4.78                   |                      |
| 02 41 19 13-0216                                                                         | IN  |     | Drill 4" Diameter Core In >12" Brick/Concrete Block.....            | 16.15                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 3.19                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 6.37                   |                      |
| 02 41 19 13-0217                                                                         | IN  |     | Drill 6" Diameter Core In >12" Brick/Concrete Block.....            | 21.01                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 4.15                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 8.29                   |                      |
| 02 41 19 13-0218                                                                         | IN  |     | Drill 8" Diameter Core In >12" Brick/Concrete Block.....            | 33.88                  |                      |
|                                                                                          |     |     | For Horizontal Cores, Add                                           | 6.70                   |                      |
|                                                                                          |     |     | For Overhead Ceiling Cores (Where Not Accessible From Above), Add   | 13.40                  |                      |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 13-0219             | IN | Drill 10" Diameter Core In >12" Brick/Concrete Block.....<br><i>For Horizontal Cores, Add</i><br><i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> | 36.50<br>7.20<br>14.40    |                         |
| 02 41 19 13-0220             | IN | Drill 12" Diameter Core In >12" Brick/Concrete Block.....<br><i>For Horizontal Cores, Add</i><br><i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> | 42.06<br>8.29<br>16.58    |                         |
| 02 41 19 13-0221             |    | <b>Asphalt Core Drilling</b> (02 41 19 13-0082)                                                                                                                           |                           |                         |
| 02 41 19 13-0222             |    | <b>Up To 2" Thick Asphalt Core Drilling</b> (02 41 19 13-0221)                                                                                                            |                           |                         |
| 02 41 19 13-0223             | EA | Drill 1" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 21.91                     |                         |
| 02 41 19 13-0224             | EA | Drill 1-1/2" Diameter Core In Up To 2" Asphalt .....                                                                                                                      | 27.40                     |                         |
| 02 41 19 13-0225             | EA | Drill 2" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 34.25                     |                         |
| 02 41 19 13-0226             | EA | Drill 3" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 42.48                     |                         |
| 02 41 19 13-0227             | EA | Drill 4" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 53.45                     |                         |
| 02 41 19 13-0228             | EA | Drill 6" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 67.16                     |                         |
| 02 41 19 13-0229             | EA | Drill 8" Diameter Core In Up To 2" Asphalt .....                                                                                                                          | 83.64                     |                         |
| 02 41 19 13-0230             | EA | Drill 10" Diameter Core In Up To 2" Asphalt .....                                                                                                                         | 104.17                    |                         |
| 02 41 19 13-0231             | EA | Drill 12" Diameter Core In Up To 2" Asphalt .....                                                                                                                         | 130.19                    |                         |
| 02 41 19 13-0232             |    | <b>&gt;2" To 3" Thick Asphalt Core Drilling</b> (02 41 19 13-0221)                                                                                                        |                           |                         |
| 02 41 19 13-0233             | EA | Drill 1" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 27.39                     |                         |
| 02 41 19 13-0234             | EA | Drill 1-1/2" Diameter Core In >2" To 3" Asphalt .....                                                                                                                     | 35.60                     |                         |
| 02 41 19 13-0235             | EA | Drill 2" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 43.82                     |                         |
| 02 41 19 13-0236             | EA | Drill 3" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 54.78                     |                         |
| 02 41 19 13-0237             | EA | Drill 4" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 68.49                     |                         |
| 02 41 19 13-0238             | EA | Drill 6" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 86.30                     |                         |
| 02 41 19 13-0239             | EA | Drill 8" Diameter Core In >2" To 3" Asphalt .....                                                                                                                         | 106.89                    |                         |
| 02 41 19 13-0240             | EA | Drill 10" Diameter Core In >2" To 3" Asphalt .....                                                                                                                        | 134.26                    |                         |
| 02 41 19 13-0241             | EA | Drill 12" Diameter Core In >2" To 3" Asphalt .....                                                                                                                        | 167.11                    |                         |
| 02 41 19 13-0242             |    | <b>&gt;3" To 4" Thick Asphalt Core Drilling</b> (02 41 19 13-0221)                                                                                                        |                           |                         |
| 02 41 19 13-0243             | EA | Drill 1" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 35.61                     |                         |
| 02 41 19 13-0244             | EA | Drill 1-1/2" Diameter Core In >3" To 4" Asphalt .....                                                                                                                     | 45.21                     |                         |
| 02 41 19 13-0245             | EA | Drill 2" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 56.15                     |                         |
| 02 41 19 13-0246             | EA | Drill 3" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 69.87                     |                         |
| 02 41 19 13-0247             | EA | Drill 4" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 87.71                     |                         |
| 02 41 19 13-0248             | EA | Drill 6" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 109.65                    |                         |
| 02 41 19 13-0249             | EA | Drill 8" Diameter Core In >3" To 4" Asphalt .....                                                                                                                         | 137.12                    |                         |
| 02 41 19 13-0250             | EA | Drill 10" Diameter Core In >3" To 4" Asphalt .....                                                                                                                        | 171.33                    |                         |
| 02 41 19 13-0251             | EA | Drill 12" Diameter Core In >3" To 4" Asphalt .....                                                                                                                        | 213.78                    |                         |
| 02 41 19 13-0252             |    | <b>&gt;4" To 6" Thick Asphalt Core Drilling</b> (02 41 19 13-0221)                                                                                                        |                           |                         |
| 02 41 19 13-0253             | EA | Drill 1" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 46.60                     |                         |
| 02 41 19 13-0254             | EA | Drill 1-1/2" Diameter Core In >4" To 6" Asphalt .....                                                                                                                     | 57.58                     |                         |
| 02 41 19 13-0255             | EA | Drill 2" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 71.28                     |                         |
| 02 41 19 13-0256             | EA | Drill 3" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 90.51                     |                         |
| 02 41 19 13-0257             | EA | Drill 4" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 112.50                    |                         |
| 02 41 19 13-0258             | EA | Drill 6" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 139.93                    |                         |
| 02 41 19 13-0259             | EA | Drill 8" Diameter Core In >4" To 6" Asphalt .....                                                                                                                         | 175.69                    |                         |
| 02 41 19 13-0260             | EA | Drill 10" Diameter Core In >4" To 6" Asphalt .....                                                                                                                        | 219.50                    |                         |
| 02 41 19 13-0261             | EA | Drill 12" Diameter Core In >4" To 6" Asphalt .....                                                                                                                        | 274.31                    |                         |
| 02 41 19 13-0262             |    | <b>Manhole Core Drilling</b> (02 41 19 13-0082)                                                                                                                           |                           |                         |
| 02 41 19 13-0263             | EA | Drill 4" Diameter Core In 6" Brick Manhole .....                                                                                                                          | 239.94                    |                         |
| 02 41 19 13-0264             | EA | Drill 5" Diameter Core In 6" Brick Manhole .....                                                                                                                          | 274.21                    |                         |
| 02 41 19 13-0265             | EA | Drill 6" Diameter Core In 6" Brick Manhole .....                                                                                                                          | 319.80                    |                         |
| 02 41 19 13-0266             | EA | Drill 8" Diameter Core In 6" Brick Manhole .....                                                                                                                          | 479.59                    |                         |
| 02 41 19 13-0267             | EA | Drill 2" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 321.48                    |                         |
| 02 41 19 13-0268             | EA | Drill 3" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 342.30                    |                         |
| 02 41 19 13-0269             | EA | Drill 4" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 376.82                    |                         |
| 02 41 19 13-0270             | EA | Drill 5" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 404.32                    |                         |
| 02 41 19 13-0271             | EA | Drill 6" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 479.53                    |                         |
| 02 41 19 13-0272             | EA | Drill 8" Diameter Core In 8" Concrete Manhole .....                                                                                                                       | 684.91                    |                         |
| 02 41 19 13-0273             | EA | Drill 2" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 31.89                     |                         |
| 02 41 19 13-0274             | EA | Drill 3" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 36.81                     |                         |
| 02 41 19 13-0275             | EA | Drill 4" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 39.89                     |                         |
| 02 41 19 13-0276             | EA | Drill 5" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 43.52                     |                         |
| 02 41 19 13-0277             | EA | Drill 6" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 47.87                     |                         |
| 02 41 19 13-0278             | EA | Drill 8" Diameter Core In Fiberglass Manhole .....                                                                                                                        | 53.19                     |                         |
| 02 41 19 13-0279             |    | <b>Drilling In Concrete Per Inch Of Depth</b> (02 41 19 13-0082)                                                                                                          |                           |                         |
|                              |    | Note: Includes layout.                                                                                                                                                    |                           |                         |
| 02 41 19 13-0280             | IN | 1/4" Diameter Drilling In Concrete Per Inch Of Depth .....                                                                                                                | 2.34                      |                         |
| 02 41 19 13-0281             | IN | 5/16" Diameter Drilling In Concrete Per Inch Of Depth .....                                                                                                               | 2.48                      |                         |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR<br>CSI UOM DESCRIPTION                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 13-0282 IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth.....                 | 2.62                      |                         |
| 02 41 19 13-0283 IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth.....                 | 2.81                      |                         |
| 02 41 19 13-0284 IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth.....                 | 2.99                      |                         |
| 02 41 19 13-0285 IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth.....                 | 3.29                      |                         |
| 02 41 19 13-0286 IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth.....                 | 3.55                      |                         |
| 02 41 19 13-0287 IN 1" Diameter Drilling In Concrete Per Inch Of Depth.....                   | 3.73                      |                         |
| 02 41 19 13-0288 IN 1-1/8" Diameter Drilling In Concrete Per Inch Of Depth.....               | 4.39                      |                         |
| 02 41 19 13-0289 IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....               | 4.12                      |                         |
| 02 41 19 13-0290 IN 1-3/8" Diameter Drilling In Concrete Per Inch Of Depth.....               | 4.40                      |                         |
| 02 41 19 13-0291 IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....               | 4.67                      |                         |
| 02 41 19 13-0292 IN 1-3/4" Diameter Drilling In Concrete Per Inch Of Depth.....               | 5.18                      |                         |
| 02 41 19 13-0293 IN 2" Diameter Drilling In Concrete Per Inch Of Depth.....                   | 6.02                      |                         |
| <b>02 41 19 13-0294 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0082)</b> |                           |                         |
| Note: Includes layout.                                                                        |                           |                         |
| 02 41 19 13-0295 IN 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 1.96                      |                         |
| 02 41 19 13-0296 IN 5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....    | 2.07                      |                         |
| 02 41 19 13-0297 IN 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 2.18                      |                         |
| 02 41 19 13-0298 IN 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 2.34                      |                         |
| 02 41 19 13-0299 IN 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 2.49                      |                         |
| 02 41 19 13-0300 IN 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 2.73                      |                         |
| 02 41 19 13-0301 IN 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....     | 2.96                      |                         |
| 02 41 19 13-0302 IN 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....       | 3.11                      |                         |
| 02 41 19 13-0303 IN 1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....   | 3.27                      |                         |
| 02 41 19 13-0304 IN 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....   | 3.43                      |                         |
| 02 41 19 13-0305 IN 1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....   | 3.66                      |                         |
| 02 41 19 13-0306 IN 1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....   | 3.90                      |                         |
| 02 41 19 13-0307 IN 1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....   | 4.34                      |                         |
| 02 41 19 13-0308 IN 2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....       | 5.02                      |                         |
| <b>02 41 19 13-0309 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0082)</b>      |                           |                         |
| Note: Includes layout.                                                                        |                           |                         |
| 02 41 19 13-0310 IN 1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 0.97                      |                         |
| 02 41 19 13-0311 IN 5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....         | 1.03                      |                         |
| 02 41 19 13-0312 IN 3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 1.09                      |                         |
| 02 41 19 13-0313 IN 1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 1.17                      |                         |
| 02 41 19 13-0314 IN 5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 1.24                      |                         |
| 02 41 19 13-0315 IN 3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 1.36                      |                         |
| 02 41 19 13-0316 IN 7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....          | 1.47                      |                         |
| 02 41 19 13-0317 IN 1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....            | 1.56                      |                         |
| 02 41 19 13-0318 IN 1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....        | 1.63                      |                         |
| 02 41 19 13-0319 IN 1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....        | 1.71                      |                         |
| 02 41 19 13-0320 IN 1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....        | 1.82                      |                         |
| 02 41 19 13-0321 IN 1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....        | 1.94                      |                         |
| 02 41 19 13-0322 IN 1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....        | 2.16                      |                         |
| 02 41 19 13-0323 IN 2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....            | 2.50                      |                         |
| <b>02 41 19 13-0324 Limestone Core Drilling (02 41 19 13-0082)</b>                            |                           |                         |
| <b>02 41 19 13-0325 10" To 14" Thick Limestone Core Drilling (02 41 19 13-0324)</b>           |                           |                         |
| 02 41 19 13-0326 EA Drill 1" Diameter Core In 10" To 14" Limestone.....                       | 68.81                     |                         |
| 02 41 19 13-0327 EA Drill 1-1/2" Diameter Core In 10" To 14" Limestone.....                   | 82.64                     |                         |
| 02 41 19 13-0328 EA Drill 2" Diameter Core In 10" To 14" Limestone.....                       | 89.63                     |                         |
| 02 41 19 13-0329 EA Drill 3" Diameter Core In 10" To 14" Limestone.....                       | 103.66                    |                         |
| 02 41 19 13-0330 EA Drill 4" Diameter Core In 10" To 14" Limestone.....                       | 117.70                    |                         |
| 02 41 19 13-0331 EA Drill 6" Diameter Core In 10" To 14" Limestone.....                       | 165.86                    |                         |
| 02 41 19 13-0332 EA Drill 8" Diameter Core In 10" To 14" Limestone.....                       | 275.76                    |                         |
| <b>02 41 19 13-0333 15" To 18" Thick Limestone Core Drilling (02 41 19 13-0324)</b>           |                           |                         |
| 02 41 19 13-0334 EA Drill 1" Diameter Core In 15" To 18" Limestone.....                       | 75.77                     |                         |
| 02 41 19 13-0335 EA Drill 1-1/2" Diameter Core In 15" To 18" Limestone.....                   | 89.62                     |                         |
| 02 41 19 13-0336 EA Drill 2" Diameter Core In 15" To 18" Limestone.....                       | 96.67                     |                         |
| 02 41 19 13-0337 EA Drill 3" Diameter Core In 15" To 18" Limestone.....                       | 103.95                    |                         |
| 02 41 19 13-0338 EA Drill 4" Diameter Core In 15" To 18" Limestone.....                       | 138.53                    |                         |
| 02 41 19 13-0339 EA Drill 6" Diameter Core In 15" To 18" Limestone.....                       | 179.92                    |                         |
| 02 41 19 13-0340 EA Drill 8" Diameter Core In 15" To 18" Limestone.....                       | 290.13                    |                         |
| <b>02 41 19 13-0341 19" To 24" Thick Limestone Core Drilling (02 41 19 13-0324)</b>           |                           |                         |
| 02 41 19 13-0342 EA Drill 1" Diameter Core In 19" To 24" Limestone.....                       | 82.69                     |                         |
| 02 41 19 13-0343 EA Drill 1-1/2" Diameter Core In 19" To 24" Limestone.....                   | 96.59                     |                         |
| 02 41 19 13-0344 EA Drill 2" Diameter Core In 19" To 24" Limestone.....                       | 103.67                    |                         |
| 02 41 19 13-0345 EA Drill 3" Diameter Core In 19" To 24" Limestone.....                       | 117.82                    |                         |
| 02 41 19 13-0346 EA Drill 4" Diameter Core In 19" To 24" Limestone.....                       | 166.14                    |                         |
| 02 41 19 13-0347 EA Drill 6" Diameter Core In 19" To 24" Limestone.....                       | 207.62                    |                         |
| 02 41 19 13-0348 EA Drill 8" Diameter Core In 19" To 24" Limestone.....                       | 311.32                    |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 02 41 19 13-0349 | Minimum Charge For Core Drilling (02 41 19 13-0082)                                                                                                                                                                                                                                                                                                                                                                                         |        |
| 02 41 19 13-0350 | EA Core Drill Minimum Charge.....                                                                                                                                                                                                                                                                                                                                                                                                           | 925.74 |
|                  | Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth". |        |
| 02 41 19 13-0351 | Cutouts (02 41 19 13)                                                                                                                                                                                                                                                                                                                                                                                                                       |        |
|                  | Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.                                                                                                                                                                                                                                                                                                                                         |        |
| 02 41 19 13-0352 | Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                |        |
| 02 41 19 13-0353 | SF 4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 54.98  |
| 02 41 19 13-0354 | SF 6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 58.31  |
| 02 41 19 13-0355 | SF 8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 61.65  |
| 02 41 19 13-0356 | SF 10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                        | 64.98  |
| 02 41 19 13-0357 | SF 12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                        | 66.64  |
| 02 41 19 13-0358 | Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                |        |
|                  | Note: Includes cutting and removing steel decking.                                                                                                                                                                                                                                                                                                                                                                                          |        |
| 02 41 19 13-0359 | SF 4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 67.01  |
| 02 41 19 13-0360 | SF 6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 71.06  |
| 02 41 19 13-0361 | SF 8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                         | 75.12  |
| 02 41 19 13-0362 | SF 10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                        | 79.19  |
| 02 41 19 13-0363 | SF 12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                        | 81.22  |
| 02 41 19 13-0364 | Reinforced Concrete Wall Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                         |        |
| 02 41 19 13-0365 | SF 4" Thick Reinforced Concrete Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                  | 68.72  |
| 02 41 19 13-0366 | SF 6" Thick Reinforced Concrete Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                  | 72.89  |
| 02 41 19 13-0367 | SF 8" Thick Reinforced Concrete Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                  | 77.06  |
| 02 41 19 13-0368 | SF 10" Thick Reinforced Concrete Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                 | 81.22  |
| 02 41 19 13-0369 | SF 12" Thick Reinforced Concrete Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                 | 83.30  |
| 02 41 19 13-0370 | Brick Wall Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                                       |        |
|                  | Note: Excludes toothing.                                                                                                                                                                                                                                                                                                                                                                                                                    |        |
| 02 41 19 13-0371 | SF 4" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                | 20.83  |
| 02 41 19 13-0372 | SF 6" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                | 34.36  |
| 02 41 19 13-0373 | SF 8" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                | 47.85  |
| 02 41 19 13-0374 | SF 10" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                               | 58.31  |
| 02 41 19 13-0375 | SF 12" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                               | 69.76  |
| 02 41 19 13-0376 | SF 16" Thick Brick Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                               | 82.26  |
| 02 41 19 13-0377 | Concrete Block Wall Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                              |        |
|                  | Note: Excludes toothing.                                                                                                                                                                                                                                                                                                                                                                                                                    |        |
| 02 41 19 13-0378 | SF 4" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                       | 34.45  |
| 02 41 19 13-0379 | SF 6" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                       | 36.48  |
| 02 41 19 13-0380 | SF 8" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                       | 38.52  |
| 02 41 19 13-0381 | SF 10" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                      | 40.61  |
| 02 41 19 13-0382 | SF 12" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                      | 41.65  |
| 02 41 19 13-0383 | SF 16" Thick Concrete Block Wall Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                      | 43.74  |
| 02 41 19 13-0384 | Limestone Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                                        |        |
| 02 41 19 13-0385 | SF 2" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                 | 58.31  |
| 02 41 19 13-0386 | SF 4" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                 | 70.80  |
| 02 41 19 13-0387 | SF 6" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                 | 74.97  |
| 02 41 19 13-0388 | SF 8" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                 | 79.13  |
| 02 41 19 13-0389 | SF 10" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                | 83.30  |
| 02 41 19 13-0390 | SF 12" Thick Limestone Cutouts, <24 SF .....                                                                                                                                                                                                                                                                                                                                                                                                | 87.47  |
| 02 41 19 13-0391 | Toothing Masonry Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                                 |        |
|                  | Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.                                                                                                                                                                                                                                                                    |        |
| 02 41 19 13-0392 | VLF Brick, Soft Old Mortar, Toothing Masonry Cutouts .....                                                                                                                                                                                                                                                                                                                                                                                  | 20.83  |
| 02 41 19 13-0393 | VLF Brick, Hard Mortar, Toothing Masonry Cutouts .....                                                                                                                                                                                                                                                                                                                                                                                      | 28.11  |
| 02 41 19 13-0394 | VLF Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts .....                                                                                                                                                                                                                                                                                                                                                                         | 12.50  |
| 02 41 19 13-0395 | VLF Concrete Block, Hard Mortar, Toothing Masonry Cutouts .....                                                                                                                                                                                                                                                                                                                                                                             | 16.66  |
| 02 41 19 13-0396 | Minimum Charge For Cutouts (02 41 19 13-0351)                                                                                                                                                                                                                                                                                                                                                                                               |        |
|                  | Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.                                                                                                                                                                                                                                             |        |
| 02 41 19 13-0397 | EA Cutouts Minimum Charge .....                                                                                                                                                                                                                                                                                                                                                                                                             | 416.50 |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Demolition and Structure Moving |  | 02 40 |
| Demolition                      |  | 02 41 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| <b>02 41 19 16 Selective Interior Demolition (02 41 19)</b><br>Note: Includes break-up of material, loading into truck or dumpster and clean-up. |                           |                         |
| 02 41 19 16-0001 Floor Removal (02 41 19 16)                                                                                                     |                           |                         |
| 02 41 19 16-0002 Scarify Concrete (02 41 19 16-0001)<br>Note: Up to 1/4" removal per pass.                                                       |                           |                         |
| 02 41 19 16-0003 SF Scarify Concrete Floor.....                                                                                                  | 0.28                      |                         |
| 02 41 19 16-0004 SF Scarify Concrete Tread And Riser.....                                                                                        | 2.38                      |                         |
| 02 41 19 16-0005 SF Scarify Concrete Wall.....                                                                                                   | 2.16                      |                         |
| 02 41 19 16-0006 Fireproofing Removal (02 41 19 16)                                                                                              |                           |                         |
| 02 41 19 16-0007 SF Removal Of Fireproofing From Concrete Or Steel.....                                                                          | 1.38                      |                         |
| 02 41 19 16-0008 Demolish Ceiling (02 41 19 16)                                                                                                  |                           |                         |
| 02 41 19 16-0009 SF Demolish Drywall Ceiling.....                                                                                                | 1.07                      |                         |
| 02 41 19 16-0010 SF Demolish Furred Plastered Ceiling.....                                                                                       | 2.49                      |                         |
| 02 41 19 16-0011 SF Demolish Suspended Plastered Ceiling And Suspension System.....                                                              | 1.91                      |                         |
| 02 41 19 16-0012 Demolish Concrete Stair (02 41 19 16)                                                                                           |                           |                         |
| 02 41 19 16-0013 CF Demolish Interior Reinforced Concrete Stairs.....                                                                            | 8.93                      |                         |
| 02 41 19 16-0014 CF Demolish Exterior Reinforced Concrete Stairs.....                                                                            | 7.49                      |                         |
| 02 41 19 16-0015 Demolish Interior Partition/Wall (02 41 19 16)                                                                                  |                           |                         |
| Note: Price includes knock down, loading, clean-up.                                                                                              |                           |                         |
| 02 41 19 16-0016 Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0015)                                                       |                           |                         |
| Note: Includes saw cutting, knock down, loading and clean-up.                                                                                    |                           |                         |
| 02 41 19 16-0017 Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0016)                                                             |                           |                         |
| 02 41 19 16-0018 SF Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....                                                 | 5.78                      |                         |
| 02 41 19 16-0019 SF Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....                                                 | 6.17                      |                         |
| 02 41 19 16-0020 SF Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....                                                 | 6.96                      |                         |
| 02 41 19 16-0021 SF Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....                                                | 8.94                      |                         |
| 02 41 19 16-0022 SF Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....                                                | 11.17                     |                         |
| 02 41 19 16-0023 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall.....                                                     | 6.94                      |                         |
| 02 41 19 16-0024 SF Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall.....                                                     | 7.41                      |                         |
| 02 41 19 16-0025 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall.....                                                     | 8.36                      |                         |
| 02 41 19 16-0026 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall.....                                                    | 10.73                     |                         |
| 02 41 19 16-0027 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall.....                                                    | 13.41                     |                         |
| 02 41 19 16-0028 Demolish Brick Interior Partition/Walls (02 41 19 16-0016)                                                                      |                           |                         |
| 02 41 19 16-0029 SF Demolish 4" Thick Brick Interior Partition/Wall.....                                                                         | 5.78                      |                         |
| 02 41 19 16-0030 SF Demolish 8" Thick Brick Interior Partition/Wall.....                                                                         | 6.96                      |                         |
| 02 41 19 16-0031 SF Demolish 12" Thick Brick Interior Partition/Wall.....                                                                        | 8.93                      |                         |
| 02 41 19 16-0032 SF Demolish 16" Thick Brick Interior Partition/Wall.....                                                                        | 11.17                     |                         |
| 02 41 19 16-0033 Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)                                                                |                           |                         |
| 02 41 19 16-0034 SF Demolish Glass Block Interior Partition/Walls.....                                                                           | 4.96                      |                         |
| 02 41 19 16-0035 Demolish Concrete Interior Partition/Walls (02 41 19 16-0016)                                                                   |                           |                         |
| See CSI section 02 41 16 13-0021 for concrete foundation demolition.                                                                             |                           |                         |
| 02 41 19 16-0036 SF Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall.....                                                       | 10.51                     |                         |
| 02 41 19 16-0037 SF Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall.....                                                       | 13.15                     |                         |
| 02 41 19 16-0038 SF Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall.....                                                      | 18.41                     |                         |
| 02 41 19 16-0039 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....                                                           | 12.62                     |                         |
| 02 41 19 16-0040 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....                                                           | 15.87                     |                         |
| 02 41 19 16-0041 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....                                                          | 22.08                     |                         |
| 02 41 19 16-0042 Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)                                                          |                           |                         |
| 02 41 19 16-0043 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster.....                                 | 1.99                      |                         |
| 02 41 19 16-0044 Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0015)                                                                |                           |                         |
| Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.                                                        |                           |                         |
| 02 41 19 16-0045 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side.....                                               | 3.52                      |                         |
| For Heights >14' To 20', Add                                                                                                                     | 0.53                      |                         |
| For Heights >20', Add                                                                                                                            | 0.70                      |                         |
| 02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....                                              | 4.10                      |                         |
| For Heights >14' To 20', Add                                                                                                                     | 0.62                      |                         |
| For Heights >20', Add                                                                                                                            | 0.82                      |                         |
| 02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....                                      | 4.49                      |                         |
| For Heights >14' To 20', Add                                                                                                                     | 0.67                      |                         |
| For Heights >20', Add                                                                                                                            | 0.90                      |                         |

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....                                                                                                                                                                                                                                                                                                                   | 6.25                      |                         |
| For Heights >14' To 20', Add                                                                                                                                                                                                                                                                                                                                                                                                   | 0.94                      |                         |
| For Heights >20', Add                                                                                                                                                                                                                                                                                                                                                                                                          | 1.25                      |                         |
| 02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....                                                                                                                                                                                                                                                                                                                                   | 1.85                      |                         |
| For Heights >14' To 20', Add                                                                                                                                                                                                                                                                                                                                                                                                   | 0.28                      |                         |
| For Heights >20', Add                                                                                                                                                                                                                                                                                                                                                                                                          | 0.37                      |                         |
| 02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....                                                                                                                                                                                                                                                                                                                                  | 2.21                      |                         |
| For Heights >14' To 20', Add                                                                                                                                                                                                                                                                                                                                                                                                   | 0.33                      |                         |
| For Heights >20', Add                                                                                                                                                                                                                                                                                                                                                                                                          | 0.44                      |                         |
| <b>02 42 Removal and Salvage of Construction Materials (02 40)</b>                                                                                                                                                                                                                                                                                                                                                             |                           |                         |
| <b>02 42 21 Salvage of Construction Materials (02 42)</b>                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| Note: Includes placement on pallets and storage on site.                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| <b>02 42 21 35 Roofing Salvage (02 42 21)</b>                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| <b>02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use (02 42 21 35)</b>                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| 02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....                                                                                                                                                                                                                                                                                                                                                         | 323.73                    |                         |
| <b>02 42 21 47 Flooring Salvage (02 42 21)</b>                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| <b>02 42 21 47-0001 Flooring Remove And Salvage For Re-Use (02 42 21 47)</b>                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| 02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage.....                                                                                                                                                                                                                                                                                                                                                                 | 2.95                      |                         |
| 02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage .....                                                                                                                                                                                                                                                                                                                                                     | 2.95                      |                         |
| 02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage .....                                                                                                                                                                                                                                                                                                                                                             | 4.07                      |                         |
| 02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage .....                                                                                                                                                                                                                                                                                                                                                           | 2.38                      |                         |
| 02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage .....                                                                                                                                                                                                                                                                                                                                                         | 1.26                      |                         |
| 02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage .....                                                                                                                                                                                                                                                                                                                                                   | 0.90                      |                         |
| <b>02 43 Structure Moving (02 40)</b>                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| <b>02 43 13 Structure Relocation (02 43)</b>                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.                                                                                                                                                                                                                                        |                           |                         |
| <b>02 43 13 13 Building Relocation (02 43 13)</b>                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| <b>02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete (02 43 13)</b>                                                                                                                                                                                                                                                                                                                    |                           |                         |
| Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed. |                           |                         |
| 02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building.....                                                                                                                                                                                                                                                                                                                                                   | 39.10                     |                         |
| 02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building.....                                                                                                                                                                                                                                                                                                                                                 | 36.96                     |                         |
| 02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building.....                                                                                                                                                                                                                                                                                                                                                        | 34.59                     |                         |
| 02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building.....                                                                                                                                                                                                                                                                                                                                                    | 31.37                     |                         |
| 02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building.....                                                                                                                                                                                                                                                                                                                                                  | 29.32                     |                         |
| 02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building .....                                                                                                                                                                                                                                                                                                                                                        | 25.94                     |                         |
| 02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building.....                                                                                                                                                                                                                                                                                                                                              | 37.99                     |                         |
| 02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building .....                                                                                                                                                                                                                                                                                                                                           | 34.59                     |                         |
| 02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building .....                                                                                                                                                                                                                                                                                                                                                  | 29.32                     |                         |
| <b>02 50 Site Remediation (02)</b>                                                                                                                                                                                                                                                                                                                                                                                             |                           |                         |
| <b>02 58 Snow Control (02 50)</b>                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| <b>02 58 13 Snow Fencing (02 58)</b>                                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
| <b>02 58 13 00-0001 Snow/Sand Fence On Steel Posts (02 58 13)</b>                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence .....                                                                                                                                                                                                                                                                                                                                         | 8.23                      | 2.34                    |
| <b>02 60 Contaminated Site Material Removal (02)</b>                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
| <b>02 61 Removal and Disposal of Contaminated Soils (02 60)</b>                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| <b>02 61 13 Excavation and Handling of Contaminated Material (02 61)</b>                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| See CSI section 31 23 16 00-0000 for excavation.                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| <b>02 61 13 00-0001 Excavate Petroleum Contaminated Soil (02 61 13)</b>                                                                                                                                                                                                                                                                                                                                                        |                           |                         |
| 02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil.....                                                                                                                                                                                                                                                                                                                                                                  | 14.44                     |                         |
| Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.                                                                                                                                                                                                                                                                                               |                           |                         |
| 02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil.....                                                                                                                                                                                                                                                                                                                                                            | 8.29                      |                         |
| 02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil .....                                                                                                                                                                                                                                                                                                                                                         | 75.90                     |                         |



|                                            |  |       |
|--------------------------------------------|--|-------|
| Existing Conditions                        |  | 02    |
| Contaminated Site Material Removal         |  | 02 60 |
| Removal and Disposal of Contaminated Soils |  | 02 61 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 02 61 13 00-0005 |     |     | <b>Accessories For Contaminated Soil Stockpile</b> (02 61 13)<br>See CSI section 31 25 14 23-0001 for sand bags.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                      |
| 02 61 13 00-0006 | SF  |     | 30 Mil Liner For Contaminated Soil Storage .....<br>Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.59                   |                      |
| 02 61 13 00-0007 | SF  |     | 10 Mil Liner For Contaminated Soil Storage .....<br>Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.95                   |                      |
| 02 61 26         |     |     | <b>Removal and Disposal of Asbestos Contaminated Soils</b> (02 61)<br>Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.    |                        |                      |
| 02 61 26 00-0001 |     |     | <b>Removal and Disposal of Asbestos Contaminated Soils</b> (02 61 26)<br>Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. |                        |                      |
| 02 61 26 00-0002 | EA  |     | Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1,293.37<br>388.01     |                      |
| 02 61 26 00-0003 | CF  |     | >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 85.73<br>25.72         |                      |
| 02 61 26 00-0004 | CF  |     | >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 57.16<br>17.15         |                      |
| 02 61 26 00-0005 | CF  |     | >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 42.94<br>12.88         |                      |
| 02 61 26 00-0006 | CF  |     | >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 34.30<br>10.29         |                      |
| 02 61 26 00-0007 | CF  |     | >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29.15<br>8.75          |                      |
| 02 61 26 00-0008 | CF  |     | >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal .....<br>For Work In Restricted Working Space, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26.23<br>7.87          |                      |
| 02 65            |     |     | <b>Underground Storage Tank Removal</b> (02 60)<br>Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0048 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                        |                      |
| 02 65 00 00-0001 |     |     | <b>Monitoring, Sampling, Testing And Analysis</b> (02 65)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                      |
| 02 65 00 00-0002 |     |     | <b>Field Samples For Testing Underground Storage Tank</b> (02 65 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |                      |
| 02 65 00 00-0003 | EA  |     | Collection Of Sludge Sample For Underground Storage Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24.45                  |                      |
| 02 65 00 00-0004 | EA  |     | Collection Of Pumpable Liquids Sample For Underground Storage Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24.45                  |                      |
| 02 65 00 00-0005 | EA  |     | Collection Of Contaminated Soil Sample .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24.45                  |                      |
| 02 65 00 00-0006 |     |     | <b>Lab Tests For Underground Storage Tank Removal</b> (02 65 00 00-0001)<br>Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                      |
| 02 65 00 00-0007 | EA  |     | Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test .....<br>Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 202.69                 |                      |
| 02 65 00 00-0008 | EA  |     | Flashpoint, Lab Test .....<br>Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 78.82                  |                      |
| 02 65 00 00-0009 | EA  |     | TOX 9020, Lab Test .....<br>Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 189.62                 |                      |
| 02 65 00 00-0010 | EA  |     | TPH 8015 Modified, Lab Test .....<br>Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 202.69                 |                      |
| 02 65 00 00-0011 | EA  |     | TRPH 418.1, Lab Test .....<br>Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 157.65                 |                      |
| 02 65 00 00-0012 | EA  |     | VOC, Lab Test .....<br>Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 427.90                 |                      |
| 02 65 00 00-0013 | EA  |     | Semi-Volatile Organic, Lab Test .....<br>Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 788.24                 |                      |
| 02 65 00 00-0014 | EA  |     | Oil And Grease 413.1, Lab Test .....<br>Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94.81                  |                      |
| 02 65 00 00-0015 | EA  |     | TCLP (Extraction) - Metals, Lab Test .....<br>Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 168.91                 |                      |
| 02 65 00 00-0016 | EA  |     | TCLP (Extraction) - Semi-Volatile Organic, Lab Test .....<br>Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 225.21                 |                      |
| 02 65 00 00-0017 | EA  |     | Metals 6010 RCRA, Lab Test .....<br>Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 252.24                 |                      |

**02 Existing Conditions****02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 65 00 00-0018 | EA  | Metals (Arsenic) 7060, Lab Test .....<br>Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                     | 33.78                     |                         |
| 02 65 00 00-0019 | EA  | Metals (Selenium) 7740, Lab Test .....<br>Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                              | 33.78                     |                         |
| 02 65 00 00-0020 | EA  | Metals (Lead) 7421, Lab Test .....<br>Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                           | 33.78                     |                         |
| 02 65 00 00-0021 | EA  | Metals (Mercury) 7470, Lab Test .....<br>Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                                     | 63.06                     |                         |
| 02 65 00 00-0022 | EA  | PNA/PAH 8100, Lab Test .....<br>Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.                                                                                                                                                                                                                                                                                                                                                              | 360.34                    |                         |
| 02 65 00 00-0023 | EA  | Fuel Id ASTM D3328-78, Lab Test .....<br>Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.                                                                                                                                                                                                                                                                                                                                                   | 130.36                    |                         |
| 02 65 00 00-0024 | EA  | pH, Lab Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 27.03                     |                         |
| 02 65 00 00-0025 | EA  | Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 337.82                    |                         |
| 02 65 00 00-0026 | EA  | Methyl Tertiary Butyl Ether (MTBE), Lab Test .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 202.69                    |                         |
| 02 65 00 00-0027 |     | <b>Tests, Surveys And Maintenance For Underground Storage Tank</b> (02 65 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| 02 65 00 00-0028 | EA  | Site Survey For AST/UST Location By Certified Tank Installer .....<br>Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found. | 1,130.47                  |                         |
| 02 65 00 00-0029 | EA  | Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems .....<br>Note: By Certified Technician. Write report of findings for action if needed                                                                                                                                                                                                                                                                                                                                                | 197.74                    |                         |
| 02 65 00 00-0030 | EA  | Check And Report On Monitor Probes.....<br>Note: By Certified Technician                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 45.67                     |                         |
| 02 65 00 00-0031 | EA  | Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report.....<br>Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection/repairs needed etc.                                                                                                                                                                                                                                                                         | 320.14                    |                         |
| 02 65 00 00-0032 | EA  | Removal And Replacement Of Anode On Impressed System.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 177.56                    |                         |
| 02 65 00 00-0033 | EA  | Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                         | 254.74                    |                         |
| 02 65 00 00-0034 | EA  | Removal And Replacement Of Monitor Probes On Underground Storage Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                              | 348.07                    |                         |
| 02 65 00 00-0035 | EA  | Ultrasonic Test On Underground Storage Tank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 208.46                    |                         |
| 02 65 00 00-0036 |     | <b>Tests And Sampling Labor Hours</b> (02 65 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 02 65 00 00-0037 | HR  | Certified Tank Installer For Underground Storage Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 110.54                    |                         |
| 02 65 00 00-0038 | HR  | Certified Geologist/Environmentalist .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 122.50                    |                         |
| 02 65 00 00-0039 | HR  | Hourly Office Work For Reports Required For EPA On Underground Storage Tank.....<br>Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.                                                                                                                                                                                                                                                                    | 131.53                    |                         |
| 02 65 00 00-0040 |     | <b>Remove Tank Contents</b> (02 65)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 02 65 00 00-0041 |     | <b>Transfer Liquid</b> (02 65 00 00-0040)<br>Note: For use to transfer liquids from one tank to another.                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 02 65 00 00-0042 | GAL | Transfer Reusable Liquid To Different Tank .....<br>Note: Per gallon of material transferred.                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.62                      |                         |
| 02 65 00 00-0043 |     | <b>Remove And Dispose Of Liquid From Tank</b> (02 65 00 00-0040)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                         |
| 02 65 00 00-0044 | GAL | Removal and Disposal Of Hazardous Liquids From Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.87                      |                         |
| 02 65 00 00-0045 | GAL | Removal and Disposal Of Non-Hazardous Liquid From Tank .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.83                      |                         |
| 02 65 00 00-0046 |     | <b>Remove And Dispose Of Solids Or Sludge</b> (02 65 00 00-0040)<br>Note: Includes scraping and solidifying agent.                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| 02 65 00 00-0047 | GAL | Removal and Disposal Of Hazardous Solids Or Sludge From Tank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7.01                      |                         |
| 02 65 00 00-0048 | GAL | Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank.....                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.57                      |                         |
| 02 65 00 00-0049 |     | <b>Purge Vapors, Open And Clean Tank</b> (02 65)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                         |
| 02 65 00 00-0050 |     | <b>Purge Vapors</b> (02 65 00 00-0049)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 02 65 00 00-0051 | LB  | Purge Tank Using Dry Ice.....<br>Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.                                                                                                                                                                                                                                                                                                                                                                                                              | 5.16                      |                         |
| 02 65 00 00-0052 |     | <b>High Pressure Water Wash And Rinse Of Tank Interior</b> (02 65 00 00-0049)<br>Note: Includes removal and disposal of rinse water.                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| 02 65 00 00-0053 | EA  | Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior .....                                                                                                                                                                                                                                                                                                                                                                                                                                         | 346.04                    |                         |
| 02 65 00 00-0054 | EA  | >275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior .....                                                                                                                                                                                                                                                                                                                                                                                                                                       | 454.12                    |                         |
| 02 65 00 00-0055 | EA  | >550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                                                                                                                                                                                                                                                                                                                                                                                                      | 589.43                    |                         |
| 02 65 00 00-0056 | EA  | >1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 798.10                    |                         |
| 02 65 00 00-0057 | EA  | >2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,547.90                  |                         |
| 02 65 00 00-0058 | EA  | >5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,861.28                  |                         |
| 02 65 00 00-0059 | EA  | >6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2,135.87                  |                         |





| Existing Conditions                |  |  | 02    |
|------------------------------------|--|--|-------|
| Contaminated Site Material Removal |  |  | 02 60 |
| Underground Storage Tank Removal   |  |  | 02 65 |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 65 00 00-0060             | EA >8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                  | 2,581.79                  |                         |
| 02 65 00 00-0061             | EA >10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                 | 3,390.12                  |                         |
| 02 65 00 00-0062             | EA >15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                 | 4,003.76                  |                         |
| 02 65 00 00-0063             | EA >20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                 | 5,075.00                  |                         |
| 02 65 00 00-0064             | EA >30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                 | 6,250.49                  |                         |
| 02 65 00 00-0065             | EA >40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....                                                 | 7,648.13                  |                         |
| 02 65 00 00-0066             | <b>Scrape Clean Tank Exterior</b> (02 65 00 00-0049)                                                                                       |                           |                         |
| 02 65 00 00-0067             | EA Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....                                                                                  | 255.30                    |                         |
| 02 65 00 00-0068             | EA >275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....                                                                                | 339.96                    |                         |
| 02 65 00 00-0069             | EA >550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                              | 445.46                    |                         |
| 02 65 00 00-0070             | EA >1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                            | 616.87                    |                         |
| 02 65 00 00-0071             | EA >2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                            | 1,366.09                  |                         |
| 02 65 00 00-0072             | EA >5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                            | 1,729.75                  |                         |
| 02 65 00 00-0073             | EA >6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                            | 2,024.13                  |                         |
| 02 65 00 00-0074             | EA >8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                           | 2,544.61                  |                         |
| 02 65 00 00-0075             | EA >10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                          | 3,307.37                  |                         |
| 02 65 00 00-0076             | EA >15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                          | 4,151.40                  |                         |
| 02 65 00 00-0077             | EA >20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                          | 5,405.48                  |                         |
| 02 65 00 00-0078             | EA >30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                          | 6,486.57                  |                         |
| 02 65 00 00-0079             | EA >40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....                                                                          | 8,108.22                  |                         |
| 02 65 00 00-0080             | <b>Tank And Piping Removal</b> (02 65)                                                                                                     |                           |                         |
|                              | Note: Excludes excavation.                                                                                                                 |                           |                         |
| 02 65 00 00-0081             | <b>Removal And Disposal Of Piping</b> (02 65 00 00-0080)                                                                                   |                           |                         |
|                              | Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees. |                           |                         |
| 02 65 00 00-0082             | LF Up To 4", Removal And Disposal Of Piping.....                                                                                           | 20.12                     |                         |
| 02 65 00 00-0083             | LF >4" To 8", Removal And Disposal Of Piping.....                                                                                          | 26.82                     |                         |
| 02 65 00 00-0084             | <b>Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement</b> (02 65 00 00-0080)                                         |                           |                         |
|                              | Note: Excludes excavation or backfill.                                                                                                     |                           |                         |
| 02 65 00 00-0085             | EA Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                                    | 734.66                    |                         |
| 02 65 00 00-0086             | EA >275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                                  | 892.09                    |                         |
| 02 65 00 00-0087             | EA >550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                                | 1,049.53                  |                         |
| 02 65 00 00-0088             | EA >1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                              | 1,311.91                  |                         |
| 02 65 00 00-0089             | EA >2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                              | 1,836.66                  |                         |
| 02 65 00 00-0090             | EA >5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                              | 2,308.95                  |                         |
| 02 65 00 00-0091             | EA >6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                              | 2,623.80                  |                         |
| 02 65 00 00-0092             | EA >8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                             | 3,148.57                  |                         |
| 02 65 00 00-0093             | EA >10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                            | 4,198.09                  |                         |
| 02 65 00 00-0094             | EA >15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                            | 5,032.58                  |                         |
| 02 65 00 00-0095             | EA >20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                            | 5,897.15                  |                         |
| 02 65 00 00-0096             | EA >30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                            | 6,899.16                  |                         |
| 02 65 00 00-0097             | EA >40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....                            | 8,623.95                  |                         |
| 02 65 00 00-0098             | <b>Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary</b> (02 65 00 00-0080)                             |                           |                         |
|                              | Note: Includes 1 lengthwise at every 4' on-center height wise.                                                                             |                           |                         |
| 02 65 00 00-0099             | EA >1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                                 | 856.96                    |                         |
| 02 65 00 00-0100             | EA >2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                                 | 1,598.12                  |                         |
| 02 65 00 00-0101             | EA >5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                                 | 1,922.37                  |                         |
| 02 65 00 00-0102             | EA >6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                                 | 2,142.41                  |                         |
| 02 65 00 00-0103             | EA >8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                                | 2,570.89                  |                         |
| 02 65 00 00-0104             | EA >10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                               | 3,196.25                  |                         |
| 02 65 00 00-0105             | EA >15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                               | 3,844.76                  |                         |
| 02 65 00 00-0106             | EA >20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                               | 4,805.94                  |                         |
| 02 65 00 00-0107             | EA >30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                               | 6,007.44                  |                         |
| 02 65 00 00-0108             | EA >40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....                               | 7,509.28                  |                         |
| 02 65 00 00-0109             | <b>Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station</b> (02 65 00 00-0080)                                    |                           |                         |
|                              | Note: Includes disposal fee.                                                                                                               |                           |                         |
| 02 65 00 00-0110             | EA Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....                               | 318.87                    |                         |
|                              | For Each Additional Mile >15 Miles, Add.....                                                                                               | 4.92                      |                         |
| 02 65 00 00-0111             | EA >275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....                             | 431.73                    |                         |
|                              | For Each Additional Mile >15 Miles, Add.....                                                                                               | 6.21                      |                         |
| 02 65 00 00-0112             | EA >550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....                           | 678.15                    |                         |
|                              | For Each Additional Mile >15 Miles, Add.....                                                                                               | 9.31                      |                         |
| 02 65 00 00-0113             | EA >1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....                         | 1,045.88                  |                         |
|                              | For Each Additional Mile >15 Miles, Add.....                                                                                               | 10.86                     |                         |
| 02 65 00 00-0114             | EA >2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....                         | 1,845.65                  |                         |
|                              | For Each Additional Mile >15 Miles, Add.....                                                                                               | 19.14                     |                         |

**02 Existing Conditions****02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                   |          |
|------------------|----|-------------------------------------------------------------------------------------------------------------------|----------|
| 02 65 00 00-0115 | EA | >5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....   | 1,907.73 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 20.69    |
| 02 65 00 00-0116 | EA | >6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....   | 2,011.21 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 23.28    |
| 02 65 00 00-0117 | EA | >8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....  | 2,912.56 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 31.04    |
| 02 65 00 00-0118 | EA | >10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station..... | 4,002.05 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 46.56    |
| 02 65 00 00-0119 | EA | >15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station..... | 4,677.67 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 51.74    |
| 02 65 00 00-0120 | EA | >20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station..... | 5,784.35 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 62.08    |
| 02 65 00 00-0121 | EA | >30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station..... | 8,074.16 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 74.50    |
| 02 65 00 00-0122 | EA | >40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station..... | 9,743.77 |
|                  |    | For Each Additional Mile >15 Miles, Add                                                                           | 85.68    |

**02 65 00 00-0123 Other Storage Tank Removals** (02 65 00 00-0080)

|                  |     |                                                                                         |      |
|------------------|-----|-----------------------------------------------------------------------------------------|------|
| 02 65 00 00-0124 | GAL | Removal Of Cement Lining .....                                                          | 0.64 |
| 02 65 00 00-0125 | GAL | Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams ..... | 0.23 |
| 02 65 00 00-0126 | GAL | Install Epoxy For Interior Corrosion Protection .....                                   | 1.34 |

**02 65 00 00-0127 Tank Closure Report** (02 65 00 00-0080)

Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.

|                  |    |                                   |          |
|------------------|----|-----------------------------------|----------|
| 02 65 00 00-0128 | EA | Prepare Tank Closure Report ..... | 3,303.86 |
|------------------|----|-----------------------------------|----------|

**02 65 00 00-0129 Temporary Tanks** (02 65)**02 65 00 00-0130 Temporary Holding Tanks** (02 65 00 00-0129)**02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental** (02 65 00 00-0130)

|                  |    |                                                                                                                |           |
|------------------|----|----------------------------------------------------------------------------------------------------------------|-----------|
| 02 65 00 00-0132 | MO | 550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental .....          | 937.13    |
| 02 65 00 00-0133 | MO | 630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental .....             | 937.13    |
| 02 65 00 00-0134 | MO | 630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental .....                | 1,874.25  |
| 02 65 00 00-0135 | MO | 4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental .....              | 1,405.69  |
| 02 65 00 00-0136 | MO | 4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental .....        | 3,279.95  |
| 02 65 00 00-0137 | MO | 6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental .....            | 2,342.82  |
| 02 65 00 00-0138 | MO | 21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental .....   | 6,068.30  |
| 02 65 00 00-0139 | MO | 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental ..... | 7,272.33  |
| 02 65 00 00-0140 | MO | 21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental .....        | 12,281.09 |

**02 65 00 00-0141 Secondary Containment Berm** (02 65 00 00-0129)

|                  |    |                                                 |          |
|------------------|----|-------------------------------------------------|----------|
| 02 65 00 00-0142 | MO | Secondary Containment Berm Monthly Rental ..... | 2,030.44 |
|------------------|----|-------------------------------------------------|----------|

**02 80 Facility Remediation** (02)**02 81 Transportation and Disposal of Hazardous Materials** (02 80)**02 81 00 00-0001 Equipment Oil Drain And Disposal** (02 81)

|                  |      |                                                                                                                                  |        |
|------------------|------|----------------------------------------------------------------------------------------------------------------------------------|--------|
| 02 81 00 00-0002 | TRIP | Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site .....                                     | 658.04 |
|                  |      | Note: Excludes Disposal Cost.                                                                                                    |        |
| 02 81 00 00-0003 | DRM  | Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum .....                  | 103.41 |
|                  |      | Note: Excludes draining, placing in approved container, and transporting to disposal site.                                       |        |
| 02 81 00 00-0004 | DRM  | Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum .....         | 470.02 |
|                  |      | Note: Excludes draining, placing in approved container, and transporting to disposal site.                                       |        |
| 02 81 00 00-0005 | DRM  | Disposal Of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum .....                   | 846.04 |
|                  |      | Note: Excludes draining, placing in approved container, and transporting to disposal site.                                       |        |
| 02 81 00 00-0006 | CF   | Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site .....                                    | 112.85 |
|                  |      | Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal. |        |

**02 82 Asbestos Remediation** (02 80)

See CSI section 01 56 16 00-0039 for temporary dust walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

**02 82 13 Asbestos Abatement** (02 82)**02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing** (02 82 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

|                  |    |                                                                                       |        |
|------------------|----|---------------------------------------------------------------------------------------|--------|
| 02 82 13 00-0002 | HR | Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring .....  | 104.59 |
| 02 82 13 00-0003 | EA | 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing ..... | 61.22  |
| 02 82 13 00-0004 | EA | Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....           | 71.77  |
| 02 82 13 00-0005 | EA | Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing .....           | 113.99 |



|                      |  |       |    |
|----------------------|--|-------|----|
| Existing Conditions  |  | 02    | 02 |
| Facility Remediation |  | 02 80 |    |
| Asbestos Remediation |  | 02 82 |    |

| MINOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CSI | UOM | DESCRIPTION                                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 02 82 13 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing .....                                            | 196.32                 |                      |
| 02 82 13 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing .....                                                      | 238.54                 |                      |
| 02 82 13 00-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....                                              | 48.55                  |                      |
| 02 82 13 00-0009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Next Day Turnaround, (Air) PCM Test, Asbestos Testing .....                                                       | 59.11                  |                      |
| 02 82 13 00-0010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Same Day Turnaround, (Air) PCM Test, Asbestos Testing .....                                                       | 80.22                  |                      |
| 02 82 13 00-0011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test .....                                                | 61.22                  |                      |
| 02 82 13 00-0012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Next Day Turnaround, (Air Point Counting) PLM Test .....                                                          | 71.77                  |                      |
| 02 82 13 00-0013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Same Day Turnaround, (Air Point Counting) PLM Test .....                                                          | 113.99                 |                      |
| 02 82 13 00-0014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing .....                                             | 196.32                 |                      |
| 02 82 13 00-0015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Next Day Turnaround, (Air) TEM Test, Asbestos Testing.....                                                        | 225.88                 |                      |
| 02 82 13 00-0016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EA  |     | Same Day Turnaround, (Air) TEM Test, Asbestos Testing.....                                                        | 314.54                 |                      |
| <b>02 82 16 Engineering Control of Asbestos Containing Materials (02 82)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |                                                                                                                   |                        |                      |
| <b>02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |                                                                                                                   |                        |                      |
| 02 82 16 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....                                                    | 1.74                   |                      |
| 02 82 16 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)..... | 2.37                   |                      |
| 02 82 16 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....                                               | 2.54                   |                      |
| 02 82 16 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....                                             | 2.79                   |                      |
| 02 82 16 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....                                              | 8.50                   |                      |
| 02 82 16 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SF  |     | Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....                                             | 9.61                   |                      |
| <b>02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |                                                                                                                   |                        |                      |
| Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. |     |     |                                                                                                                   |                        |                      |
| 02 82 33 00-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     | Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)                                     |                        |                      |
| 02 82 33 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     | Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)                                               |                        |                      |
| Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |                                                                                                                   |                        |                      |
| 02 82 33 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     | Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)                             |                        |                      |
| See CSI section 02 82 33 00-0031 for projects with less than 10 LF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |                                                                                                                   |                        |                      |
| 02 82 33 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SET |     | Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                              | 1,310.92               |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 388.01                 |                      |
| 02 82 33 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                           | 44.97                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 13.23                  |                      |
| 02 82 33 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                          | 33.95                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 9.92                   |                      |
| 02 82 33 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                        | 25.69                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 7.44                   |                      |
| 02 82 33 00-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                     | 19.48                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 5.58                   |                      |
| 02 82 33 00-0009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                               | 17.06                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 4.85                   |                      |
| 02 82 33 00-0010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     | >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)                           |                        |                      |
| See CSI section 02 82 33 00-0031 for projects with less than 10 LF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |                                                                                                                   |                        |                      |
| 02 82 33 00-0011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SET |     | Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                           | 1,328.46               |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 388.01                 |                      |
| 02 82 33 00-0012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                          | 52.47                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 15.22                  |                      |
| 02 82 33 00-0013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                         | 39.78                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 11.41                  |                      |
| 02 82 33 00-0014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                       | 30.26                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 8.55                   |                      |
| 02 82 33 00-0015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                    | 23.13                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 6.41                   |                      |
| 02 82 33 00-0016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                             | 20.35                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 5.58                   |                      |
| 02 82 33 00-0017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     | >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)                          |                        |                      |
| See CSI section 02 82 33 00-0031 for projects with less than 10 LF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |                                                                                                                   |                        |                      |
| 02 82 33 00-0018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SET |     | Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....                          | 1,346.01               |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 388.01                 |                      |
| 02 82 33 00-0019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                         | 69.95                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 20.28                  |                      |
| 02 82 33 00-0020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                        | 53.04                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 15.21                  |                      |
| 02 82 33 00-0021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LF  |     | >500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....                      | 40.37                  |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     | For Work In Restricted Working Space, Add.....                                                                    | 11.41                  |                      |

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 82 33 00-0022 | LF  | >2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                   | 30.84<br>8.55             |                         |
| 02 82 33 00-0023 | LF  | >10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                            | 27.15<br>7.44             |                         |
| 02 82 33 00-0024 |     | <b>&gt;18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0002)</sup><br>See CSI section 02 82 33 00-0031 for projects with less than 10 LF.                                                                                                  |                           |                         |
| 02 82 33 00-0025 | SET | Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                          | 1,363.56<br>388.01        |                         |
| 02 82 33 00-0026 | LF  | >20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                         | 96.19<br>27.89            |                         |
| 02 82 33 00-0027 | LF  | >250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                        | 72.93<br>20.91            |                         |
| 02 82 33 00-0028 | LF  | >500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                      | 55.51<br>15.69            |                         |
| 02 82 33 00-0029 | LF  | >2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                   | 42.42<br>11.76            |                         |
| 02 82 33 00-0030 | LF  | >10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                            | 37.32<br>10.23            |                         |
| 02 82 33 00-0031 |     | <b>Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0002)</sup><br>Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes. |                           |                         |
| 02 82 33 00-0032 | SET | Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                                   | 842.00<br>251.02          |                         |
| 02 82 33 00-0033 | LF  | >3 To 20 LF Additional Glove Bag Work for Pipe Insulation .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                                                   | 141.20<br>41.84           |                         |
| 02 82 33 00-0034 | LF  | >20 To 250 LF Additional Glove Bag Work for Pipe Insulation .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                                                 | 55.89<br>16.24            |                         |
| 02 82 33 00-0035 | LF  | >250 To 500 LF Additional Glove Bag Work for Pipe Insulation .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                                                | 42.34<br>12.18            |                         |
| 02 82 33 00-0036 | LF  | >500 LF Additional Glove Bag Work for Pipe Insulation .....<br><i>For Work In Restricted Working Space, Add</i>                                                                                                                                                                       | 32.20<br>9.14             |                         |
| 02 82 33 00-0037 |     | <b>Thermal Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0003)</sup>                                                                                                                                                                                              |                           |                         |
| 02 82 33 00-0038 |     | <b>Calcium Block Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0003)</sup>                                                                                                                                                                                        |                           |                         |
| 02 82 33 00-0039 | SET | Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                                           | 1,302.14                  |                         |
| 02 82 33 00-0040 | SF  | >10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                        | 53.58                     |                         |
| 02 82 33 00-0041 | SF  | >500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                     | 44.22                     |                         |
| 02 82 33 00-0042 | SF  | >2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                  | 35.52                     |                         |
| 02 82 33 00-0043 | SF  | >10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                           | 29.01                     |                         |
| 02 82 33 00-0044 |     | <b>Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0003)</sup>                                                                                                                                                                                |                           |                         |
| 02 82 33 00-0045 | SET | Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                  | 1,297.76                  |                         |
| 02 82 33 00-0046 | SF  | >10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                | 47.12                     |                         |
| 02 82 33 00-0047 | SF  | >500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                             | 37.75                     |                         |
| 02 82 33 00-0048 | SF  | >2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                          | 29.06                     |                         |
| 02 82 33 00-0049 | SF  | >10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                   | 22.55                     |                         |
| 02 82 33 00-0050 |     | <b>Fibrous Glass Board Insulation, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0003)</sup>                                                                                                                                                                                  |                           |                         |
| 02 82 33 00-0051 | SET | Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                                     | 1,296.29                  |                         |
| 02 82 33 00-0052 | SF  | >10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                  | 41.79                     |                         |
| 02 82 33 00-0053 | SF  | >500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                               | 32.43                     |                         |
| 02 82 33 00-0054 | SF  | >2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                            | 23.73                     |                         |
| 02 82 33 00-0055 | SF  | >10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                                     | 17.22                     |                         |
| 02 82 33 00-0056 |     | <b>Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0003)</sup><br>Note: e.g., duct, boiler, tank, etc.                                                                                                                            |                           |                         |
| 02 82 33 00-0057 | SET | Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal .....                                                                                                                                                                                             | 1,304.34                  |                         |
| 02 82 33 00-0058 | SF  | >25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                            | 44.53                     |                         |
| 02 82 33 00-0059 | SF  | >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                         | 35.17                     |                         |
| 02 82 33 00-0060 | SF  | >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                      | 26.48                     |                         |
| 02 82 33 00-0061 | SF  | >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....                                                                                                                                                                                               | 19.97                     |                         |
| 02 82 33 00-0062 |     | <b>Surfacing Material, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0002)</sup>                                                                                                                                                                                              |                           |                         |
| 02 82 33 00-0063 |     | <b>Fireproofing, Asbestos Abatement And Disposal</b> <sup>(02 82 33 00-0002)</sup><br>Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0102 for asbestos abatement for up to 1 sf sections to expose area for attachments.                      |                           |                         |
| 02 82 33 00-0064 | SET | Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal .....                                                                                                                                                                                                                      | 1,304.34                  |                         |
| 02 82 33 00-0065 | SF  | >25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....                                                                                                                                                                                                                     | 53.33                     |                         |



|                      |  |       |
|----------------------|--|-------|
| Existing Conditions  |  | 02    |
| Facility Remediation |  | 02 80 |
| Asbestos Remediation |  | 02 82 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 82 33 00-0066 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal.....                                                                                                                                                        | 40.10                     |                         |
| 02 82 33 00-0067 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....                                                                                                                                                     | 30.19                     |                         |
| 02 82 33 00-0068 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....                                                                                                                                                              | 22.75                     |                         |
| 02 82 33 00-0069 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0062)<br>Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.                                           |                           |                         |
| 02 82 33 00-0070 SET Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....                                                                                                                                                      | 1,300.68                  |                         |
| 02 82 33 00-0071 SF >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....                                                                                                                                                     | 22.39                     |                         |
| 02 82 33 00-0072 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....                                                                                                                                                  | 17.00                     |                         |
| 02 82 33 00-0073 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....                                                                                                                                               | 12.68                     |                         |
| 02 82 33 00-0074 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....                                                                                                                                                        | 9.45                      |                         |
| 02 82 33 00-0075 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0082)                                                                                                                                                          |                           |                         |
| 02 82 33 00-0076 SET Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                          | 1,307.99                  |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 355.68                    |                         |
| 02 82 33 00-0077 SF >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                         | 17.26                     |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 4.67                      |                         |
| 02 82 33 00-0078 SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                      | 12.68                     |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 3.41                      |                         |
| 02 82 33 00-0079 SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                   | 9.99                      |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 2.67                      |                         |
| 02 82 33 00-0080 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                  | 7.84                      |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 2.08                      |                         |
| 02 82 33 00-0081 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                 | 6.22                      |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 1.63                      |                         |
| 02 82 33 00-0082 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....                                                                                                                                           | 5.03                      |                         |
| For Additional Layer, Add                                                                                                                                                                                                                       | 1.30                      |                         |
| 02 82 33 00-0083 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic,<br>Asbestos Abatement And Disposal (02 82 33 00-0062)                                                                                                        |                           |                         |
| 02 82 33 00-0084 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And<br>Disposal.....                                                                                                     | 1,300.68                  |                         |
| 02 82 33 00-0085 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And<br>Disposal.....                                                                                                    | 32.51                     |                         |
| 02 82 33 00-0086 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement<br>And Disposal.....                                                                                                 | 23.89                     |                         |
| 02 82 33 00-0087 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos<br>Abatement And Disposal.....                                                                                              | 18.72                     |                         |
| 02 82 33 00-0088 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos<br>Abatement And Disposal.....                                                                                             | 14.63                     |                         |
| 02 82 33 00-0089 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And<br>Disposal.....                                                                                                       | 10.52                     |                         |
| 02 82 33 00-0090 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0062)                                                                                                                                                                     |                           |                         |
| 02 82 33 00-0091 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal.....                                                                                                                                                                  | 1,307.99                  |                         |
| 02 82 33 00-0092 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal.....                                                                                                                                                                 | 28.41                     |                         |
| 02 82 33 00-0093 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....                                                                                                                                                              | 21.35                     |                         |
| 02 82 33 00-0094 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal.....                                                                                                                                                           | 16.11                     |                         |
| 02 82 33 00-0095 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal.....                                                                                                                                                                    | 12.15                     |                         |
| 02 82 33 00-0096 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0062)                                                                                                                                                |                           |                         |
| 02 82 33 00-0097 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....                                                                                                                                             | 1,307.99                  |                         |
| 02 82 33 00-0098 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....                                                                                                                                            | 14.66                     |                         |
| 02 82 33 00-0099 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....                                                                                                                                         | 11.36                     |                         |
| 02 82 33 00-0100 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....                                                                                                                                      | 8.38                      |                         |
| 02 82 33 00-0101 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....                                                                                                                                               | 6.34                      |                         |
| 02 82 33 00-0102 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0062)<br>Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33<br>00-0063 for areas > 1 SF. |                           |                         |
| 02 82 33 00-0103 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal.....                                                                                                                                              | 216.00                    |                         |
| Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.                                                                                                                                              |                           |                         |
| 02 82 33 00-0104 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0062)                                                                                                                                                                    |                           |                         |
| 02 82 33 00-0105 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal.....                                                                                                                                                                 | 1,305.07                  |                         |
| 02 82 33 00-0106 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal.....                                                                                                                                                                | 18.61                     |                         |
| 02 82 33 00-0107 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....                                                                                                                                                             | 9.11                      |                         |
| 02 82 33 00-0108 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....                                                                                                                                                          | 6.24                      |                         |
| 02 82 33 00-0109 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....                                                                                                                                                                   | 5.36                      |                         |
| 02 82 33 00-0110 Flooring Material, Asbestos Abatement And Disposal (02 82 33)                                                                                                                                                                  |                           |                         |
| 02 82 33 00-0111 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02<br>82 33 00-0110)                                                                                                                                    |                           |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**02 82 33 00-0112 Floor Tile, Asbestos Abatement And Disposal** (02 82 33 00-0111)

Note: Single layer or first of multiple layers. Excludes mastic.

|                  |     |                                                                                                            |          |
|------------------|-----|------------------------------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0113 | SET | Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal        | 1,296.29 |
|                  |     | For Each Additional Layer, Add                                                                             | 194.44   |
| 02 82 33 00-0114 | SF  | >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal      | 9.11     |
|                  |     | For Each Additional Layer, Add                                                                             | 1.37     |
| 02 82 33 00-0115 | SF  | >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal    | 7.45     |
|                  |     | For Each Additional Layer, Add                                                                             | 1.12     |
| 02 82 33 00-0116 | SF  | >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal | 5.94     |
|                  |     | For Each Additional Layer, Add                                                                             | 0.89     |
| 02 82 33 00-0117 | SF  | >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal          | 4.12     |
|                  |     | For Each Additional Layer, Add                                                                             | 0.62     |

**02 82 33 00-0118 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal** (02 82 33 00-0111)

Note: Single layer or first of multiple layers. Excludes mastic.

|                  |     |                                                                                                                |          |
|------------------|-----|----------------------------------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0119 | SET | Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal        | 1,296.29 |
|                  |     | For Each Additional Layer, Add                                                                                 | 194.44   |
| 02 82 33 00-0120 | SF  | >100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal      | 9.11     |
|                  |     | For Each Additional Layer, Add                                                                                 | 1.37     |
| 02 82 33 00-0121 | SF  | >500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal    | 7.49     |
|                  |     | For Each Additional Layer, Add                                                                                 | 1.12     |
| 02 82 33 00-0122 | SF  | >2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal | 6.79     |
|                  |     | For Each Additional Layer, Add                                                                                 | 1.02     |
| 02 82 33 00-0123 | SF  | >10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal          | 5.49     |
|                  |     | For Each Additional Layer, Add                                                                                 | 0.82     |

**02 82 33 00-0124 Carpet, Asbestos Abatement And Disposal** (02 82 33 00-0111)

|                  |     |                                                                                               |          |
|------------------|-----|-----------------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0125 | SET | Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal        | 1,296.29 |
| 02 82 33 00-0126 | SF  | >100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal      | 7.15     |
| 02 82 33 00-0127 | SF  | >500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal    | 5.79     |
| 02 82 33 00-0128 | SF  | >2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal | 4.24     |
| 02 82 33 00-0129 | SF  | >10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal          | 3.22     |

**02 82 33 00-0130 Wall Or Cove Base, Asbestos Abatement And Disposal** (02 82 33 00-0111)

Note: Up to 12".

|                  |     |                                                                         |        |
|------------------|-----|-------------------------------------------------------------------------|--------|
| 02 82 33 00-0131 | SET | Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal      | 434.77 |
| 02 82 33 00-0132 | LF  | >25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal    | 5.90   |
| 02 82 33 00-0133 | LF  | >100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal   | 3.60   |
| 02 82 33 00-0134 | LF  | >500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal | 2.31   |
| 02 82 33 00-0135 | LF  | >2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal        | 1.66   |

**02 82 33 00-0136 Mastic, Asbestos Abatement And Disposal** (02 82 33 00-0110)

Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.

|                  |     |                                                              |          |
|------------------|-----|--------------------------------------------------------------|----------|
| 02 82 33 00-0137 | SET | Up To 100 SF, Mastic, Asbestos Abatement And Disposal        | 1,300.69 |
|                  |     | Note: Applies to bottom layer only if multiple layers.       |          |
| 02 82 33 00-0138 | SF  | >100 To 500 SF, Mastic, Asbestos Abatement And Disposal      | 3.29     |
|                  |     | Note: Applies to bottom layer only if multiple layers.       |          |
| 02 82 33 00-0139 | SF  | >500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal    | 2.43     |
|                  |     | Note: Applies to bottom layer only if multiple layers.       |          |
| 02 82 33 00-0140 | SF  | >2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal | 1.89     |
|                  |     | Note: Applies to bottom layer only if multiple layers.       |          |
| 02 82 33 00-0141 | SF  | >10,000 SF, Mastic, Asbestos Abatement And Disposal          | 1.53     |
|                  |     | Note: Applies to bottom layer only if multiple layers.       |          |

**02 82 33 00-0142 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** (02 82 33 00-0110)

Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.

|                  |     |                                                                                                                    |          |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0143 | SET | Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal        | 1,322.62 |
| 02 82 33 00-0144 | SF  | >100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal      | 10.47    |
| 02 82 33 00-0145 | SF  | >500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal    | 7.73     |
| 02 82 33 00-0146 | SF  | >2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal | 6.11     |
| 02 82 33 00-0147 | SF  | >10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal          | 4.82     |

**02 82 33 00-0148 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal** (02 82 33 00-0110)

|                  |     |                                                                                         |          |
|------------------|-----|-----------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0149 | SET | Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal   | 1,307.99 |
| 02 82 33 00-0150 | SF  | >100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal | 11.68    |



|                      |  |       |
|----------------------|--|-------|
| Existing Conditions  |  | 02    |
| Facility Remediation |  | 02 80 |
| Asbestos Remediation |  | 02 82 |

| MINOR<br>CSI UOM DESCRIPTION                                                         |     |                                                                                                                        |  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------|--|---------------------------|-------------------------|
| 02 82 33 00-0151                                                                     | SF  | >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....                         |  | 7.70                      |                         |
| Note: Includes detachment of mounted objects before removal.                         |     |                                                                                                                        |  |                           |                         |
| 02 82 33 00-0152                                                                     | SF  | >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....                      |  | 6.08                      |                         |
| 02 82 33 00-0153                                                                     | SF  | >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....                               |  | 5.00                      |                         |
| 02 82 33 00-0154                                                                     |     | Roofing, Asbestos Abatement And Disposal (02 82 33)                                                                    |  |                           |                         |
| 02 82 33 00-0155                                                                     |     | Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154)                                      |  |                           |                         |
| Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc. |     |                                                                                                                        |  |                           |                         |
| 02 82 33 00-0156                                                                     |     | Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)          |  |                           |                         |
| 02 82 33 00-0157                                                                     | SET | Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....          |  | 1,329.93                  |                         |
| 02 82 33 00-0158                                                                     | SF  | >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....      |  | 8.56                      |                         |
| 02 82 33 00-0159                                                                     | SF  | >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....    |  | 6.91                      |                         |
| 02 82 33 00-0160                                                                     | SF  | >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....   |  | 5.58                      |                         |
| 02 82 33 00-0161                                                                     | SF  | >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....  |  | 4.25                      |                         |
| 02 82 33 00-0162                                                                     | SF  | >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....            |  | 3.27                      |                         |
| 02 82 33 00-0163                                                                     |     | >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)         |  |                           |                         |
| 02 82 33 00-0164                                                                     | SET | Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....         |  | 1,357.71                  |                         |
| 02 82 33 00-0165                                                                     | SF  | >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....     |  | 10.00                     |                         |
| 02 82 33 00-0166                                                                     | SF  | >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....   |  | 8.08                      |                         |
| 02 82 33 00-0167                                                                     | SF  | >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....  |  | 6.63                      |                         |
| 02 82 33 00-0168                                                                     | SF  | >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal..... |  | 5.11                      |                         |
| 02 82 33 00-0169                                                                     | SF  | >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....           |  | 3.96                      |                         |
| 02 82 33 00-0170                                                                     |     | >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)               |  |                           |                         |
| 02 82 33 00-0171                                                                     | SET | Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....               |  | 1,389.88                  |                         |
| 02 82 33 00-0172                                                                     | SF  | >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....           |  | 11.34                     |                         |
| 02 82 33 00-0173                                                                     | SF  | >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....         |  | 9.21                      |                         |
| 02 82 33 00-0174                                                                     | SF  | >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....        |  | 7.60                      |                         |
| 02 82 33 00-0175                                                                     | SF  | >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....       |  | 5.92                      |                         |
| 02 82 33 00-0176                                                                     | SF  | >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....                 |  | 4.64                      |                         |
| 02 82 33 00-0177                                                                     |     | Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154)                                          |  |                           |                         |
| 02 82 33 00-0178                                                                     |     | Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0177)                                          |  |                           |                         |
| 02 82 33 00-0179                                                                     | SET | Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                          |  | 1,302.51                  |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| 02 82 33 00-0180                                                                     | SF  | >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                      |  | 8.34                      |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| For Each Additional Layer, Add                                                       |     |                                                                                                                        |  | 1.67                      |                         |
| 02 82 33 00-0181                                                                     | SF  | >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                    |  | 6.69                      |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| For Each Additional Layer, Add                                                       |     |                                                                                                                        |  | 1.34                      |                         |
| 02 82 33 00-0182                                                                     | SF  | >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                   |  | 5.36                      |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| For Each Additional Layer, Add                                                       |     |                                                                                                                        |  | 1.07                      |                         |
| 02 82 33 00-0183                                                                     | SF  | >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                  |  | 4.03                      |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| For Each Additional Layer, Add                                                       |     |                                                                                                                        |  | 0.81                      |                         |
| 02 82 33 00-0184                                                                     | SF  | >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....                                            |  | 3.05                      |                         |
| Note: Single or first of multiple layers.                                            |     |                                                                                                                        |  |                           |                         |
| For Each Additional Layer, Add                                                       |     |                                                                                                                        |  | 0.61                      |                         |
| 02 82 33 00-0185                                                                     |     | Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)                                            |  |                           |                         |
| 02 82 33 00-0186                                                                     | SET | Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....                                             |  | 431.85                    |                         |
| 02 82 33 00-0187                                                                     | SF  | >10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....                                            |  | 3.30                      |                         |
| 02 82 33 00-0188                                                                     | SF  | >50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....                                           |  | 2.72                      |                         |
| 02 82 33 00-0189                                                                     | SF  | >100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....                                          |  | 2.21                      |                         |
| 02 82 33 00-0190                                                                     | SF  | >250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....                                                 |  | 1.62                      |                         |
| 02 82 33 00-0191                                                                     |     | Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)                                                   |  |                           |                         |
| 02 82 33 00-0192                                                                     | SET | Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....                                                    |  | 431.85                    |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 82 33 00-0193 | LF  | >10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....                                                                                       | 9.77                      |                         |
| 02 82 33 00-0194 | LF  | >20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....                                                                                       | 7.83                      |                         |
| 02 82 33 00-0195 | LF  | >50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....                                                                                      | 6.53                      |                         |
| 02 82 33 00-0196 | LF  | >150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....                                                                                            | 4.73                      |                         |
| 02 82 33 00-0197 |     | <b>Asbestos-Cement Products, Asbestos Abatement And Disposal</b> (02 82 33)                                                                                |                           |                         |
| 02 82 33 00-0198 |     | <b>Interior Asbestos-Cement Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0197)                                                                  |                           |                         |
|                  |     | Note: Includes detachment of mounted objects before removal.                                                                                               |                           |                         |
| 02 82 33 00-0199 | SET | Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal.        | 1,307.99                  |                         |
| 02 82 33 00-0200 | SF  | >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal.      | 8.97                      |                         |
| 02 82 33 00-0201 | SF  | >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal.    | 4.56                      |                         |
| 02 82 33 00-0202 | SF  | >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal. | 3.68                      |                         |
| 02 82 33 00-0203 | SF  | >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal.          | 3.21                      |                         |
| 02 82 33 00-0204 |     | <b>Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0197)                                                                  |                           |                         |
| 02 82 33 00-0205 | SET | Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal .....<br>Note: Includes detachment of mounted objects before removal.        | 1,307.99                  |                         |
| 02 82 33 00-0206 | SF  | >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....                                                                       | 7.80                      |                         |
| 02 82 33 00-0207 | SF  | >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....                                                                     | 4.07                      |                         |
| 02 82 33 00-0208 | SF  | >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....                                                                  | 3.29                      |                         |
| 02 82 33 00-0209 | SF  | >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....                                                                           | 2.87                      |                         |
| 02 82 33 00-0210 |     | <b>Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal</b> (02 82 33 00-0197)                                                         |                           |                         |
| 02 82 33 00-0211 | SET | Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                                 | 1,095.35                  |                         |
| 02 82 33 00-0212 | LF  | >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                               | 45.84                     |                         |
| 02 82 33 00-0213 | LF  | >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                              | 34.82                     |                         |
| 02 82 33 00-0214 | LF  | >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                              | 26.56                     |                         |
| 02 82 33 00-0215 | LF  | >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                            | 20.35                     |                         |
| 02 82 33 00-0216 | LF  | >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                         | 15.70                     |                         |
| 02 82 33 00-0217 | LF  | >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....                                                                  | 15.37                     |                         |
| 02 82 33 00-0218 |     | <b>Exterior Transite Siding, Asbestos Abatement And Disposal</b> (02 82 33 00-0197)                                                                        |                           |                         |
| 02 82 33 00-0219 | SET | Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....<br>Note: Single or first of multiple layers.                                 | 1,318.15                  |                         |
| 02 82 33 00-0220 | SF  | >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....<br>Note: Single or first of multiple layers.                              | 7.04                      |                         |
| 02 82 33 00-0221 | SF  | >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....<br>Note: Single or first of multiple layers.                            | 5.67                      |                         |
| 02 82 33 00-0222 | SF  | >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....<br>Note: Single or first of multiple layers.                           | 4.56                      |                         |
| 02 82 33 00-0223 | SF  | >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....<br>Note: Single or first of multiple layers.                          | 3.46                      |                         |
| 02 82 33 00-0224 | SF  | >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal .....<br>Note: Single or first of multiple layers.                                   | 2.64                      |                         |
| 02 82 33 00-0225 |     | <b>Asbestos Contaminated Debris, Asbestos Abatement And Disposal</b> (02 82 33)                                                                            |                           |                         |
| 02 82 33 00-0226 |     | <b>Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal</b> (02 82 33 00-0225)                             |                           |                         |
|                  |     | Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.                                                        |                           |                         |
| 02 82 33 00-0227 | SET | Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....                                     | 648.14                    |                         |
| 02 82 33 00-0228 | SF  | >10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....                                   | 1.21                      |                         |
| 02 82 33 00-0229 | SF  | >100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....                                  | 0.79                      |                         |
| 02 82 33 00-0230 | SF  | >500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....                                | 0.65                      |                         |
| 02 82 33 00-0231 | SF  | >1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....                                       | 0.56                      |                         |
| 02 82 33 00-0232 |     | <b>Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal</b> (02 82 33 00-0225)                 |                           |                         |
| 02 82 33 00-0233 | SET | Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....         | 868.10                    |                         |





|                      |  |  |       |
|----------------------|--|--|-------|
| Existing Conditions  |  |  | 02    |
| Facility Remediation |  |  | 02 80 |
| Asbestos Remediation |  |  | 02 82 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 02 82 33 00-0234 | SF  |     | >10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal        | 22.13                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0235 | SF  |     | >100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal       | 15.13                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0236 | SF  |     | >250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal       | 11.36                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0237 | SF  |     | >500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal     | 9.20                   |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0238 | SF  |     | >2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal  | 8.13                   |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0239 | SF  |     | >10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal           | 7.04                   |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0240 | SET |     | Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal         | 1,088.03               |                      |
| 02 82 33 00-0241 | SF  |     | >10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal       | 43.86                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0242 | SF  |     | >100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal      | 29.60                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0243 | SF  |     | >250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal      | 22.49                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0244 | SF  |     | >500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal    | 18.16                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0245 | SF  |     | >2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal | 15.60                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0246 | SF  |     | >10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal          | 14.13                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0247 | SET |     | Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal        | 1,310.92               |                      |
| 02 82 33 00-0248 | SF  |     | >10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal      | 87.48                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0249 | SF  |     | >100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal     | 58.91                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0250 | SF  |     | >250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal     | 44.69                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |
| 02 82 33 00-0251 | SF  |     | >500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal   | 36.05                  |                      |
|                  |     |     | For Batt Insulation Removal, Add                                                                                                                       | 2.00                   |                      |
|                  |     |     | For Encapsulated Soil, Add                                                                                                                             | 1.00                   |                      |
|                  |     |     | For Work In Restricted Working Space, Add                                                                                                              | 1.00                   |                      |

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 82 33 00-0252        | SF  |     | >2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal ..... | 30.90                     |                         |
|                         |     |     | For Batt Insulation Removal, Add .....                                                                                                                        | 2.00                      |                         |
|                         |     |     | For Encapsulated Soil, Add .....                                                                                                                              | 1.00                      |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 1.00                      |                         |
| 02 82 33 00-0253        | SF  |     | >10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....          | 27.98                     |                         |
|                         |     |     | For Batt Insulation Removal, Add .....                                                                                                                        | 2.00                      |                         |
|                         |     |     | For Encapsulated Soil, Add .....                                                                                                                              | 1.00                      |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 1.00                      |                         |
| <b>02 82 33 00-0254</b> |     |     | <b>Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0225)</b>                                                                       |                           |                         |
| 02 82 33 00-0255        | SET |     | Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                              | 879.80                    |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 258.68                    |                         |
| 02 82 33 00-0256        | CF  |     | >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                            | 87.48                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 25.72                     |                         |
| 02 82 33 00-0257        | CF  |     | >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                           | 58.91                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 17.15                     |                         |
| 02 82 33 00-0258        | CF  |     | >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                           | 44.69                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 12.88                     |                         |
| 02 82 33 00-0259        | CF  |     | >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                         | 36.05                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 10.29                     |                         |
| 02 82 33 00-0260        | CF  |     | >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                      | 30.90                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 8.75                      |                         |
| 02 82 33 00-0261        | CF  |     | >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....                                                                               | 27.98                     |                         |
|                         |     |     | For Work In Restricted Working Space, Add .....                                                                                                               | 7.87                      |                         |
| <b>02 82 33 00-0262</b> |     |     | <b>Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33 00-0233)</b>                                                                |                           |                         |
| <b>02 82 33 00-0263</b> |     |     | <b>30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0262)</b>                                                                               |                           |                         |
| 02 82 33 00-0264        | SET |     | Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....                                                                                       | 439.02                    |                         |
| 02 82 33 00-0265        | EA  |     | >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....                                                                                      | 163.11                    |                         |
| 02 82 33 00-0266        | EA  |     | >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....                                                                                           | 147.58                    |                         |
| <b>02 82 33 00-0267</b> |     |     | <b>HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0262)</b>                                                           |                           |                         |
| 02 82 33 00-0268        | SET |     | Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                                  | 431.48                    |                         |
| 02 82 33 00-0269        | LF  |     | >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                                 | 8.86                      |                         |
| 02 82 33 00-0270        | LF  |     | >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                                | 6.65                      |                         |
| 02 82 33 00-0271        | LF  |     | >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                               | 5.73                      |                         |
| 02 82 33 00-0272        | LF  |     | >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                             | 4.94                      |                         |
| 02 82 33 00-0273        | LF  |     | >1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                           | 4.23                      |                         |
| 02 82 33 00-0274        | LF  |     | >2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....                                                                    | 3.65                      |                         |
| <b>02 82 33 00-0275</b> |     |     | <b>Grout, Asbestos Abatement And Disposal (02 82 33 00-0262)</b>                                                                                              |                           |                         |
|                         |     |     | Note: e.g. flue grout.                                                                                                                                        |                           |                         |
| 02 82 33 00-0276        | SET |     | Up To 10 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                     | 431.36                    |                         |
| 02 82 33 00-0277        | LF  |     | >10 To 50 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                    | 16.99                     |                         |
| 02 82 33 00-0278        | LF  |     | >50 To 100 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                   | 11.70                     |                         |
| 02 82 33 00-0279        | LF  |     | >100 To 250 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                  | 10.03                     |                         |
| 02 82 33 00-0280        | LF  |     | >250 To 1,000 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                | 8.62                      |                         |
| 02 82 33 00-0281        | LF  |     | >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal .....                                                                                              | 7.43                      |                         |
| 02 82 33 00-0282        | LF  |     | >2,500 LF, Grout, Asbestos Abatement And Disposal .....                                                                                                       | 6.37                      |                         |
| <b>02 82 33 00-0283</b> |     |     | <b>Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0262)</b>                                                                                            |                           |                         |
|                         |     |     | Note: e.g. rope, web cloth, flat.                                                                                                                             |                           |                         |
| 02 82 33 00-0284        | SET |     | Up To 10 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                                   | 431.48                    |                         |
| 02 82 33 00-0285        | LF  |     | >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                                  | 22.90                     |                         |
| 02 82 33 00-0286        | LF  |     | >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                                 | 17.18                     |                         |
| 02 82 33 00-0287        | LF  |     | >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                                | 14.64                     |                         |
| 02 82 33 00-0288        | LF  |     | >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                              | 13.19                     |                         |
| 02 82 33 00-0289        | LF  |     | >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                            | 11.85                     |                         |
| 02 82 33 00-0290        | LF  |     | >2,500 LF, Gaskets, Asbestos Abatement And Disposal .....                                                                                                     | 11.28                     |                         |
| <b>02 82 33 00-0291</b> |     |     | <b>Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0262)</b>                                                                |                           |                         |
|                         |     |     | Note: e.g. grid, spline, or glued on.                                                                                                                         |                           |                         |
| 02 82 33 00-0292        | SET |     | Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal .....                                                                                              | 869.56                    |                         |
|                         |     |     | Note: Including Glue Removal                                                                                                                                  |                           |                         |
| 02 82 33 00-0293        | SF  |     | >50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....                                                                                          | 18.47                     |                         |
|                         |     |     | Note: Including Glue Removal                                                                                                                                  |                           |                         |
| 02 82 33 00-0294        | SF  |     | >1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal .....                                                                                       | 8.97                      |                         |
|                         |     |     | Note: Including Glue Removal                                                                                                                                  |                           |                         |
| 02 82 33 00-0295        | SF  |     | >2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....                                                                                      | 6.10                      |                         |
|                         |     |     | Note: Including Glue Removal                                                                                                                                  |                           |                         |



|                      |  |       |
|----------------------|--|-------|
| Existing Conditions  |  | 02    |
| Facility Remediation |  | 02 80 |
| Asbestos Remediation |  | 02 82 |

| MINOR<br>CSI UOM DESCRIPTION |     |                                                                                                                                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 82 33 00-0296             | SF  | >10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....<br>Note: Including Glue Removal                                                                                                              | 5.22                      |                         |
| 02 82 33 00-0297             |     | <b>Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing,<br/>Asbestos Abatement And Disposal</b> (02 82 33 00-0262)<br>Note: Includes ceiling tile, asbestos barrier paper, and furring strips. |                           |                         |
| 02 82 33 00-0298             | SET | Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....                                                                                         | 866.20                    |                         |
| 02 82 33 00-0299             | SF  | >50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....                                                                                     | 18.47                     |                         |
| 02 82 33 00-0300             | SF  | >1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....                                                                                  | 8.97                      |                         |
| 02 82 33 00-0301             | SF  | >2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....                                                                                 | 6.10                      |                         |
| 02 82 33 00-0302             | SF  | >10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....                                                                                          | 5.22                      |                         |
| 02 82 33 00-0303             |     | <b>Caulking, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)                                                                                                                                          |                           |                         |
| 02 82 33 00-0304             |     | <b>Non-Friable Caulking, Asbestos Abatement And Disposal</b> (02 82 33 00-0303)                                                                                                                              |                           |                         |
| 02 82 33 00-0305             | SET | Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                                | 431.36                    |                         |
| 02 82 33 00-0306             | LF  | >10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                               | 12.74                     |                         |
| 02 82 33 00-0307             | LF  | >50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                              | 8.99                      |                         |
| 02 82 33 00-0308             | LF  | >100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                             | 6.69                      |                         |
| 02 82 33 00-0309             | LF  | >250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                           | 5.04                      |                         |
| 02 82 33 00-0310             | LF  | >1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                         | 3.98                      |                         |
| 02 82 33 00-0311             | LF  | >2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....                                                                                                                  | 3.46                      |                         |
| 02 82 33 00-0312             |     | <b>Wire Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)                                                                                                                                   |                           |                         |
| 02 82 33 00-0313             |     | <b>Wire Insulation, Asbestos Abatement And Disposal</b> (02 82 33 00-0312)                                                                                                                                   |                           |                         |
| 02 82 33 00-0314             | SET | Up To 10 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                                  | 431.36                    |                         |
| 02 82 33 00-0315             | LF  | >10 To 50 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                                 | 4.79                      |                         |
| 02 82 33 00-0316             | LF  | >50 To 100 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                                | 3.38                      |                         |
| 02 82 33 00-0317             | LF  | >100 To 250 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                               | 2.52                      |                         |
| 02 82 33 00-0318             | LF  | >250 To 1,000 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                             | 1.89                      |                         |
| 02 82 33 00-0319             | LF  | >1,000 To 2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                           | 1.51                      |                         |
| 02 82 33 00-0320             | LF  | >2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....                                                                                                                                    | 1.32                      |                         |
| 02 82 33 00-0321             |     | <b>Asbestos Contaminated Paint, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)<br>Note: Exposed surface area, includes associated overspray.                                                         |                           |                         |
| 02 82 33 00-0322             | SET | Up To 10 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....                                                                                                                    | 539.64                    |                         |
| 02 82 33 00-0323             | SF  | >10 To 500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....                                                                                                                  | 52.96                     |                         |
| 02 82 33 00-0324             | SF  | >500 To 2,500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....                                                                                                               | 39.73                     |                         |
| 02 82 33 00-0325             | SF  | >2,500 To 10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....                                                                                                            | 29.82                     |                         |
| 02 82 33 00-0326             | SF  | >10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....                                                                                                                     | 22.38                     |                         |
| 02 82 33 00-0327             |     | <b>Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement<br/>And Disposal</b> (02 82 33 00-0262)                                                                                               |                           |                         |
| 02 82 33 00-0328             | SF  | Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal.....                                                                                                                        | 5.54                      |                         |
| 02 82 33 00-0329             | SF  | Mastic On Walls, Asbestos Abatement And Disposal.....                                                                                                                                                        | 21.62                     |                         |
| 02 82 33 00-0330             |     | <b>Wood Wall Joint Compound, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)                                                                                                                          |                           |                         |
| 02 82 33 00-0331             | SET | Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....                                                                                                                                  | 862.98                    |                         |
| 02 82 33 00-0332             | SF  | >10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....                                                                                                                                | 17.04                     |                         |
| 02 82 33 00-0333             | SF  | >500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....                                                                                                                             | 12.46                     |                         |
| 02 82 33 00-0334             | SF  | >2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....                                                                                                                          | 9.77                      |                         |
| 02 82 33 00-0335             | SF  | >10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....                                                                                                                                   | 7.62                      |                         |
| 02 82 33 00-0336             |     | <b>Chalk Board Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)                                                                                                                                |                           |                         |
| 02 82 33 00-0337             | SET | Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                       | 438.44                    |                         |
| 02 82 33 00-0338             | SF  | >100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                   | 18.39                     |                         |
| 02 82 33 00-0339             | SF  | >1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                 | 8.89                      |                         |
| 02 82 33 00-0340             | SF  | >2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                | 6.02                      |                         |
| 02 82 33 00-0341             | SF  | >10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                         | 5.14                      |                         |
| 02 82 33 00-0342             |     | <b>Tack Board Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0262)                                                                                                                                 |                           |                         |
| 02 82 33 00-0343             | SET | Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                        | 438.44                    |                         |
| 02 82 33 00-0344             | SF  | >100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                    | 18.39                     |                         |
| 02 82 33 00-0345             | SF  | >1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                  | 8.89                      |                         |
| 02 82 33 00-0346             | SF  | >2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                 | 6.02                      |                         |
| 02 82 33 00-0347             | SF  | >10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....                                                                                                                                          | 5.14                      |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                 |          |
|------------------|-------------------------------------------------------------------------------------------------|----------|
| 02 82 33 00-0348 | Dash Coat Over Wood Walls, Asbestos Abatement And Disposal (02 82 33 00-0262)                   |          |
| 02 82 33 00-0349 | SET Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal .....               | 862.98   |
| 02 82 33 00-0350 | SF >10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal .....              | 18.93    |
| 02 82 33 00-0351 | SF >500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal .....           | 14.12    |
| 02 82 33 00-0352 | SF >2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal .....        | 10.61    |
| 02 82 33 00-0353 | SF >10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal .....                 | 7.98     |
| 02 82 33 00-0354 | HEPA Vacuum, Asbestos Abatement And Disposal (02 82 33 00-0262)                                 |          |
|                  | Note: For adjacent areas.                                                                       |          |
| 02 82 33 00-0355 | SF High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area .....        | 0.80     |
| 02 82 33 00-0356 | Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0262)                                |          |
| 02 82 33 00-0357 | SET Up To 10 LF, Window Putty, Asbestos Abatement And Disposal .....                            | 431.36   |
| 02 82 33 00-0358 | LF >10 To 50 LF, Window Putty, Asbestos Abatement And Disposal .....                            | 16.99    |
| 02 82 33 00-0359 | LF >50 To 100 LF, Window Putty, Asbestos Abatement And Disposal .....                           | 11.70    |
| 02 82 33 00-0360 | LF >100 To 250 LF, Window Putty, Asbestos Abatement And Disposal .....                          | 10.03    |
| 02 82 33 00-0361 | LF >250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal .....                        | 8.62     |
| 02 82 33 00-0362 | LF >1,000 LF, Window Putty, Asbestos Abatement And Disposal .....                               | 7.43     |
| 02 82 33 00-0363 | Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0262)         |          |
| 02 82 33 00-0364 | SET Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....      | 895.94   |
| 02 82 33 00-0365 | EA >4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....      | 85.58    |
| 02 82 33 00-0366 | EA >40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....     | 59.86    |
| 02 82 33 00-0367 | EA >60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....    | 47.06    |
| 02 82 33 00-0368 | EA >125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....   | 39.28    |
| 02 82 33 00-0369 | EA >625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal ..... | 34.65    |
| 02 82 33 00-0370 | EA >1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....        | 32.02    |
| 02 82 33 00-0371 | Other Material, Asbestos Abatement And Disposal (02 82 33 00-0262)                              |          |
| 02 82 33 00-0372 | LF Chemical Countertops, Asbestos Abatement And Disposal .....                                  | 29.32    |
| 02 82 33 00-0373 | EA Chemical Fume Hood, Asbestos Abatement And Disposal .....                                    | 1,658.82 |

**02 83 Lead Remediation (02 80)**

See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

**02 83 19 Lead-Based Paint Remediation (02 83)****02 83 19 13 Lead-Based Paint Abatement (02 83 19)**

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

|                  |                                                                                                                                                                                                                                                                                                                                                                 |          |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 02 83 19 13-0001 | Minimum Charge For Lead-Based Paint Remediation (02 83 19 13)                                                                                                                                                                                                                                                                                                   |          |
| 02 83 19 13-0002 | EA Lead-Based Paint Remediation Minimum Show Up Charge .....                                                                                                                                                                                                                                                                                                    | 1,287.96 |
|                  | Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring. |          |
| 02 83 19 13-0003 | Lead Sampling And Testing (02 83 19 13)                                                                                                                                                                                                                                                                                                                         |          |
|                  | Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.                                                                                                                                                                          |          |
| 02 83 19 13-0004 | HR Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring .....                                                                                                                                                                                                                                                                                 | 97.62    |
| 02 83 19 13-0005 | EA X-Ray Fluorescence (XRF) Lead Testing .....                                                                                                                                                                                                                                                                                                                  | 72.77    |
|                  | Note: Including Technician, 3 Readings Per Surface And Lab Fee                                                                                                                                                                                                                                                                                                  |          |
| 02 83 19 13-0006 | EA 5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                               | 69.66    |
| 02 83 19 13-0007 | EA 48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                             | 105.55   |
| 02 83 19 13-0008 | EA 24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                             | 147.77   |
| 02 83 19 13-0009 | EA 5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                                   | 27.44    |
| 02 83 19 13-0010 | EA 24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                                 | 42.22    |
| 02 83 19 13-0011 | EA 8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                                  | 52.78    |
| 02 83 19 13-0012 | EA 5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                                    | 69.66    |
| 02 83 19 13-0013 | EA 3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....                                                                                                                                                                                                                                                                    | 105.55   |
| 02 83 19 13-0014 | EA 5 Day Turnaround Lead Wipe Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                         | 11.61    |
| 02 83 19 13-0015 | EA 24 Hour Turnaround Lead Wipe Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                       | 15.83    |
| 02 83 19 13-0016 | EA 8 Hour Turnaround Lead Wipe Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                        | 23.22    |
| 02 83 19 13-0017 | EA 5 Day Turnaround Lead Bulk Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                         | 11.61    |
| 02 83 19 13-0018 | EA 24 Hour Turnaround Lead Bulk Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                       | 15.83    |
| 02 83 19 13-0019 | EA 8 Hour Turnaround Lead Bulk Samples And Lab Fee .....                                                                                                                                                                                                                                                                                                        | 23.22    |



|                      |  |  |       |
|----------------------|--|--|-------|
| Existing Conditions  |  |  | 02    |
| Facility Remediation |  |  | 02 80 |
| Lead Remediation     |  |  | 02 83 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                |                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 83 19 13-0020                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 5 Day Turnaround Lead Air Samples And Lab Fee .....                                             | 11.61                     |                         |
| 02 83 19 13-0021                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 24 Hour Turnaround Lead Air Samples And Lab Fee .....                                           | 15.83                     |                         |
| 02 83 19 13-0022                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 8 Hour Turnaround Lead Air Samples And Lab Fee .....                                            | 23.22                     |                         |
| 02 83 19 13-0023                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 5 Day Turnaround Lead Water Test and Lab Fee .....                                              | 42.22                     |                         |
| 02 83 19 13-0024                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 24 Hour Turnaround Lead Water Test and Lab Fee .....                                            | 63.33                     |                         |
| 02 83 19 13-0025                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 8 Hour Turnaround Lead Water Test and Lab Fee .....                                             | 84.44                     |                         |
| 02 83 19 13-0026                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 5 Day Turnaround Lead Paint Chip Test and Lab Fee .....                                         | 43.66                     |                         |
| 02 83 19 13-0027                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | 5 Day Turnaround Lead Soil Test and Lab Fee .....                                               | 87.33                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                |                                                                                                 |                           |                         |
| 02 83 19 13-0028                                                                                                                                                                                                                                                                                                                                                                                                                         | Scrape And Sand Lead Paint (02 83 19 13)                       |                                                                                                 |                           |                         |
| 02 83 19 13-0029                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Hand Scrape Lead Paint From Concrete Or Masonry Surfaces .....                                  | 1.41                      |                         |
| 02 83 19 13-0030                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces .....                      | 1.47                      |                         |
| 02 83 19 13-0031                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Hand Scrape Lead Paint From Wood Surfaces .....                                                 | 1.93                      |                         |
| 02 83 19 13-0032                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Hand Scraping And Sanding Lead Paint From Metal Surfaces .....                                  | 1.98                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                |                                                                                                 |                           |                         |
| 02 83 19 13-0033                                                                                                                                                                                                                                                                                                                                                                                                                         | Chemical Stripping Of Lead Contaminated Material (02 83 19 13) |                                                                                                 |                           |                         |
| Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury. |                                                                |                                                                                                 |                           |                         |
| 02 83 19 13-0034                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Balustrades, Chemical Stripping Of Lead Contaminated Material .....                             | 37.41                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 2.12                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 3.34                      |                         |
| 02 83 19 13-0035                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material .....                     | 55.48                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 3.02                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 4.69                      |                         |
| 02 83 19 13-0036                                                                                                                                                                                                                                                                                                                                                                                                                         | LF                                                             | Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material .....                | 16.07                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.95                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.52                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.125" (125 mil) Application, Add                                                           | 8.52                      |                         |
| 02 83 19 13-0037                                                                                                                                                                                                                                                                                                                                                                                                                         | LF                                                             | >6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material .....              | 32.81                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.79                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 2.78                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.125" (125 mil) Application, Add                                                           | 12.70                     |                         |
| 02 83 19 13-0038                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Cornice, Chemical Stripping Of Lead Contaminated Material .....                                 | 17.46                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.12                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.84                      |                         |
| 02 83 19 13-0039                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material .....                         | 49.45                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 2.72                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 4.24                      |                         |
| 02 83 19 13-0040                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material .....         | 10.77                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.74                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.23                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.125" (125 mil) Application, Add                                                           | 8.69                      |                         |
| 02 83 19 13-0041                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Cabinets, Chemical Stripping Of Lead Contaminated Material .....                                | 31.26                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.76                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 2.77                      |                         |
| 02 83 19 13-0042                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material .....                        | 39.85                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 2.19                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 3.41                      |                         |
| 02 83 19 13-0043                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material .....    | 14.85                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.94                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.54                      |                         |
| 02 83 19 13-0044                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Columns, Chemical Stripping Of Lead Contaminated Material .....                                 | 14.27                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.96                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.60                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.125" (125 mil) Application, Add                                                           | 11.07                     |                         |
| 02 83 19 13-0045                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material .....                   | 12.57                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.83                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.37                      |                         |
| 02 83 19 13-0046                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material ..... | 15.44                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.97                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.58                      |                         |
| 02 83 19 13-0047                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated .....                 | 22.76                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.39                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 2.24                      |                         |
| 02 83 19 13-0048                                                                                                                                                                                                                                                                                                                                                                                                                         | EA                                                             | Electrical Devices, Chemical Stripping Of Lead Contaminated Material .....                      | 65.08                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 3.65                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 5.73                      |                         |
| 02 83 19 13-0049                                                                                                                                                                                                                                                                                                                                                                                                                         | LF                                                             | Door Frames, Chemical Stripping Of Lead Contaminated Material .....                             | 16.14                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.01                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.64                      |                         |
| 02 83 19 13-0050                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | Wood Floors, Chemical Stripping Of Lead Contaminated Material .....                             | 8.87                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 0.64                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 1.09                      |                         |
| 02 83 19 13-0051                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | HVAC Grilles, Chemical Stripping Of Lead Contaminated Material .....                            | 33.41                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 1.87                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 2.93                      |                         |
| 02 83 19 13-0052                                                                                                                                                                                                                                                                                                                                                                                                                         | SF                                                             | HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material .....                    | 39.85                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.025" (25 mil) Application, Add                                                            | 2.19                      |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                | For 0.03" (30 mil) Application, Add                                                             | 3.41                      |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                   |        |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|
| 02 83 19 13-0053 | EA Hinges, Chemical Stripping Of Lead Contaminated Material .....                                                                 | 20.93  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.35   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.21   |
| 02 83 19 13-0054 | EA Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material .....                                              | 25.78  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.59   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.57   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 15.45  |
| 02 83 19 13-0055 | LF Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....                                    | 7.19   |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.51   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 0.86   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 6.30   |
| 02 83 19 13-0056 | LF >2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....                                   | 11.55  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.73   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.19   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 7.39   |
| 02 83 19 13-0057 | LF >4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....                                   | 20.68  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.28   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.08   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 12.67  |
| 02 83 19 13-0058 | LF >8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....                                  | 28.33  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.72   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.76   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 16.08  |
| 02 83 19 13-0059 | LF >12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material .....                                 | 50.82  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 2.99   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 4.77   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 26.21  |
| 02 83 19 13-0060 | SF >16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area .....                                | 15.18  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.87   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.37   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 7.04   |
| 02 83 19 13-0061 | EA Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material .....                                                  | 301.93 |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 16.55  |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 25.73  |
| 02 83 19 13-0062 | SF Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material .....                                    | 21.12  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.62   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.78   |
| 02 83 19 13-0063 | SF Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material .....                                                 | 23.13  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.72   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.93   |
| 02 83 19 13-0064 | SF Siding, Chemical Stripping Of Lead Contaminated Material .....                                                                 | 12.05  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.85   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.44   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 10.51  |
| 02 83 19 13-0065 | SF Soffit, Chemical Stripping Of Lead Contaminated Material .....                                                                 | 25.28  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.46   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.32   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 12.32  |
| 02 83 19 13-0066 | SF Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material .....                                                    | 11.63  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.78   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.30   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 8.91   |
| 02 83 19 13-0067 | SF Corrugated Steel, Chemical Stripping Of Lead Contaminated Material .....                                                       | 13.20  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.86   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.42   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 9.30   |
| 02 83 19 13-0068 | SF Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material .....                                                | 13.17  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.86   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.41   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 9.29   |
| 02 83 19 13-0069 | SF Steel Trusses, Chemical Stripping Of Lead Contaminated Material .....                                                          | 18.66  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.13   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.82   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 10.67  |
| 02 83 19 13-0070 | SF Wood Surfaces, Chemical Stripping Of Lead Contaminated Material .....                                                          | 13.17  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 0.86   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 1.41   |
|                  | For 0.125" (125 mil) Application, Add                                                                                             | 9.29   |
| 02 83 19 13-0071 | SF Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material .....          | 30.35  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.72   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.70   |
| 02 83 19 13-0072 | SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material ..... | 33.21  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.86   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 2.92   |
| 02 83 19 13-0073 | SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material ..... | 35.15  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 1.96   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 3.06   |
| 02 83 19 13-0074 | SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material ..... | 37.11  |
|                  | For 0.025" (25 mil) Application, Add                                                                                              | 2.06   |
|                  | For 0.03" (30 mil) Application, Add                                                                                               | 3.21   |



|                      |  |       |
|----------------------|--|-------|
| Existing Conditions  |  | 02    |
| Facility Remediation |  | 02 80 |
| Lead Remediation     |  | 02 83 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 02 83 19 13-0075 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                    | 39.05                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.15                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.35                   |                      |
| 02 83 19 13-0076 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                 | 41.06                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.25                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.50                   |                      |
| 02 83 19 13-0077 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                  | 42.95                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.35                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.65                   |                      |
| 02 83 19 13-0078 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                 | 43.92                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.40                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.72                   |                      |
| 02 83 19 13-0079 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                  | 44.91                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.45                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.79                   |                      |
| 02 83 19 13-0080 | SF  |     | Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                 | 45.85                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 2.49                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.86                   |                      |
| 02 83 19 13-0081 | SF  |     | Metal Stairs, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                                                             | 60.59                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 3.43                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 5.39                   |                      |
|                  |     |     | For 0.125" (125 mil) Application, Add .....                                                                                                                                                                                                                                      | 27.15                  |                      |
| 02 83 19 13-0082 | LF  |     | Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                                                   | 10.52                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.68                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 1.11                   |                      |
|                  |     |     | For 0.125" (125 mil) Application, Add .....                                                                                                                                                                                                                                      | 7.13                   |                      |
| 02 83 19 13-0083 | SF  |     | Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                                                  | 30.79                  |                      |
|                  |     |     | Note: The unit of measure "SF" is measured for "Length x Height". Work includes both sides of railing.                                                                                                                                                                           |                        |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 1.84                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 2.95                   |                      |
|                  |     |     | For 0.125" (125 mil) Application, Add .....                                                                                                                                                                                                                                      | 16.70                  |                      |
| 02 83 19 13-0084 | SF  |     | Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                                                       | 33.66                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 1.93                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 3.06                   |                      |
|                  |     |     | For 0.125" (125 mil) Application, Add .....                                                                                                                                                                                                                                      | 15.92                  |                      |
| 02 83 19 13-0085 | LF  |     | 2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                          | 3.10                   |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.19                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 0.30                   |                      |
| 02 83 19 13-0086 | LF  |     | 3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                          | 4.65                   |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.28                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 0.46                   |                      |
| 02 83 19 13-0087 | LF  |     | 4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                          | 5.38                   |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.32                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 0.51                   |                      |
| 02 83 19 13-0088 | LF  |     | 6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                          | 6.18                   |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.38                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 0.60                   |                      |
| 02 83 19 13-0089 | SF  |     | Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material .....                                                                                                                                                                                  | 10.77                  |                      |
|                  |     |     | For 0.025" (25 mil) Application, Add .....                                                                                                                                                                                                                                       | 0.74                   |                      |
|                  |     |     | For 0.03" (30 mil) Application, Add .....                                                                                                                                                                                                                                        | 1.23                   |                      |
| 02 83 19 13-0090 |     |     | Demolish Lead Contaminated Material (02 83 19 13)                                                                                                                                                                                                                                |                        |                      |
|                  |     |     | Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury. |                        |                      |
| 02 83 19 13-0091 | SF  |     | Demolish Ceiling Suspension System, Lead Contaminated Material .....                                                                                                                                                                                                             | 2.66                   |                      |
| 02 83 19 13-0092 | SF  |     | Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material .....                                                                                                                                                                                                        | 7.80                   |                      |
| 02 83 19 13-0093 | SF  |     | Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material .....                                                                                                                                                                                                      | 5.61                   |                      |
| 02 83 19 13-0094 | SF  |     | Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material .....                                                                                                                                                                                                    | 4.40                   |                      |
| 02 83 19 13-0095 | SF  |     | Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material .....                                                                                                                                                                                                           | 3.42                   |                      |
| 02 83 19 13-0096 | SF  |     | Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material .....                                                                                                                                                                                                           | 24.40                  |                      |
| 02 83 19 13-0097 | SF  |     | Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material .....                                                                                                                                                                                                         | 17.35                  |                      |
| 02 83 19 13-0098 | SF  |     | Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material .....                                                                                                                                                                                                       | 13.02                  |                      |
| 02 83 19 13-0099 | SF  |     | Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material .....                                                                                                                                                                                                    | 9.77                   |                      |
| 02 83 19 13-0100 | SF  |     | Demolish Suspended Ceiling System And Tile, Lead Contaminated Material .....                                                                                                                                                                                                     | 1.55                   |                      |
| 02 83 19 13-0101 | SF  |     | Demolish Acoustical Ceiling Tile, Lead Contaminated Material .....                                                                                                                                                                                                               | 0.99                   |                      |
| 02 83 19 13-0102 | SF  |     | Demolish Metal Pan Grid System, Lead Contaminated Material .....                                                                                                                                                                                                                 | 1.54                   |                      |
| 02 83 19 13-0103 | EA  |     | Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material .....                                                                                                                                                                                                   | 74.33                  |                      |
| 02 83 19 13-0104 | EA  |     | Demolish >2' x 4' Light Fixtures, Lead Contaminated Material .....                                                                                                                                                                                                               | 98.60                  |                      |
| 02 83 19 13-0105 | SF  |     | Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material .....                                                                                                                                                                      | 11.01                  |                      |
| 02 83 19 13-0106 | SF  |     | Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material .....                                                                                                                                                                                 | 6.17                   |                      |
| 02 83 19 13-0107 | SF  |     | Demolish Brick, Lead Contaminated Material .....                                                                                                                                                                                                                                 | 4.64                   |                      |
| 02 83 19 13-0108 | SF  |     | Demolish Concrete Block, Lead Contaminated Material .....                                                                                                                                                                                                                        | 5.98                   |                      |
| 02 83 19 13-0109 | SF  |     | Demolish Tile, Lead Contaminated Material .....                                                                                                                                                                                                                                  | 4.50                   |                      |
| 02 83 19 13-0110 | SF  |     | Demolish Up To 6" Concrete, Lead Contaminated Material .....                                                                                                                                                                                                                     | 6.77                   |                      |
| 02 83 19 13-0111 | IN  |     | Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....                                                                                                                                                                                            | 5.26                   |                      |
| 02 83 19 13-0112 | IN  |     | Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....                                                                                                                                                                                           | 7.01                   |                      |
| 02 83 19 13-0113 | LF  |     | Demolish Wood Balustrades And Railings, Lead Contaminated Material .....                                                                                                                                                                                                         | 7.71                   |                      |

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                      |        |
|------------------|----|--------------------------------------------------------------------------------------|--------|
| 02 83 19 13-0114 | LF | Demolish Up To 6" Wide Baseboard, Lead Contaminated Material.....                    | 2.00   |
| 02 83 19 13-0115 | LF | Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material.....                  | 2.51   |
| 02 83 19 13-0116 | LF | Demolish Base Shoe Molding, Lead Contaminated Material.....                          | 1.64   |
| 02 83 19 13-0117 | SF | Demolish Concrete, Lead Contaminated Material.....                                   | 15.34  |
| 02 83 19 13-0118 | LF | Demolish Cabinets, Lead Contaminated Material.....                                   | 35.72  |
| 02 83 19 13-0119 | SF | Demolish Ceilings, Gypsum Board, Lead Contaminated Material.....                     | 2.02   |
| 02 83 19 13-0120 | SF | Demolish Up To 12" Diameter Columns, Lead Contaminated Material.....                 | 19.78  |
| 02 83 19 13-0121 | SF | Demolish Cornice, Lead Contaminated Material.....                                    | 2.63   |
| 02 83 19 13-0122 | EA | Demolish Doors, Lead Contaminated Material.....                                      | 77.47  |
| 02 83 19 13-0123 | LF | Demolish Door And Window Trim Or Frames, Lead Contaminated Material.....             | 2.36   |
| 02 83 19 13-0124 | EA | Demolish Electrical Devices, Lead Contaminated Material.....                         | 23.77  |
| 02 83 19 13-0125 | LF | Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material.....       | 3.05   |
| 02 83 19 13-0126 | LF | Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material.....      | 5.08   |
| 02 83 19 13-0127 | SF | Demolish Wood Floors, Lead Contaminated Material.....                                | 3.66   |
| 02 83 19 13-0128 | SF | Demolish Grilles, Lead Contaminated Material.....                                    | 4.30   |
| 02 83 19 13-0129 | EA | Demolish Hinges, Lead Contaminated Material.....                                     | 8.64   |
| 02 83 19 13-0130 | EA | Demolish Up To 6" Diameter Hangers, Lead Contaminated Material.....                  | 18.57  |
| 02 83 19 13-0131 | LF | Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....                    | 7.62   |
| 02 83 19 13-0132 | LF | Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material.....                   | 11.11  |
| 02 83 19 13-0133 | LF | Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....                   | 16.78  |
| 02 83 19 13-0134 | EA | Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....                  | 30.96  |
| 02 83 19 13-0135 | EA | Demolish Radiators, Lead Contaminated Material.....                                  | 133.71 |
| 02 83 19 13-0136 | EA | Demolish Shutters, Lead Contaminated Material.....                                   | 52.10  |
| 02 83 19 13-0137 | SF | Demolish Siding, Lead Contaminated Material.....                                     | 2.07   |
| 02 83 19 13-0138 | SF | Demolish Soffit, Lead Contaminated Material.....                                     | 1.76   |
| 02 83 19 13-0139 | SF | Demolish Flat Steel Surfaces, Lead Contaminated Material.....                        | 4.81   |
| 02 83 19 13-0140 | SF | Demolish Steel Beams, Lead Contaminated Material.....                                | 5.67   |
| 02 83 19 13-0141 | SF | Demolish Trusses, Lead Contaminated Material.....                                    | 7.44   |
| 02 83 19 13-0142 | SF | Demolish Walls, Wood, Lead Contaminated Material.....                                | 5.51   |
| 02 83 19 13-0143 | SF | Demolish Windows, Lead Contaminated Material.....                                    | 18.50  |
| 02 83 19 13-0144 | SF | Demolish Metal Stair, Lead Contaminated Material.....                                | 8.85   |
| 02 83 19 13-0145 | LF | Demolish Single Metal Hand Rail, Lead Contaminated Material.....                     | 6.50   |
| 02 83 19 13-0146 | LF | Demolish Metal Railing And Posts, Lead Contaminated Material.....                    | 10.63  |
| 02 83 19 13-0147 | SF | Demolish Metal Picket Fence, Lead Contaminated Material.....                         | 2.93   |
| 02 83 19 13-0148 | SF | Demolish Plywood, Lead Contaminated Material.....                                    | 7.99   |
| 02 83 19 13-0149 | SF | Demolish Planks (Various Sizes), Lead Contaminated Material.....                     | 3.90   |
| 02 83 19 13-0150 | EA | Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material..... | 24.40  |
| 02 83 19 13-0151 | SF | Demolish Ceramic Tile Block, Lead Contaminated Material.....                         | 5.33   |
| 02 83 19 13-0152 | LF | Demolish Metal Guard Rails, Lead Contaminated Material.....                          | 14.64  |
| 02 83 19 13-0153 | LF | Demolish Roof Metal Trim, Lead Contaminated Material.....                            | 3.13   |
| 02 83 19 13-0154 | LF | Demolish Rain Gutters, Lead Contaminated Material.....                               | 5.37   |
| 02 83 19 13-0155 | LF | Demolish Downspouts, Lead Contaminated Material.....                                 | 4.40   |
| 02 83 19 13-0156 | SF | Demolish Corrugated Metal Roofing, Lead Contaminated Material.....                   | 5.41   |
| 02 83 19 13-0157 | LF | Demolish Roof Metal Flashing, Lead Contaminated Material.....                        | 3.13   |
| 02 83 19 13-0158 | LF | Demolish Fascia Board Up To 12", Lead Contaminated Material.....                     | 7.80   |

**02 83 19 13-0159 Wet Sanding/Light Scraping Of Lead Contaminated Material (02 83 19 13)**

Note: Remove loose, flaking lead-based paint to prepare for painting.

|                  |    |                                                                            |      |
|------------------|----|----------------------------------------------------------------------------|------|
| 02 83 19 13-0160 | SF | Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting..... | 3.71 |
|------------------|----|----------------------------------------------------------------------------|------|

**02 83 19 13-0161 Mechanical Stripping Of Lead Contaminated Material (02 83 19 13)**

Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.

|                  |    |                                                                                    |       |
|------------------|----|------------------------------------------------------------------------------------|-------|
| 02 83 19 13-0162 | SF | Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material..... | 20.52 |
|------------------|----|------------------------------------------------------------------------------------|-------|

**02 83 19 13-0163 Lead Abatement Encapsulation (02 83 19 13)**

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

|                  |    |                                                                     |       |
|------------------|----|---------------------------------------------------------------------|-------|
| 02 83 19 13-0164 | SF | Balustrades, Lead Abatement Encapsulation.....                      | 6.72  |
| 02 83 19 13-0165 | LF | Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....         | 6.67  |
| 02 83 19 13-0166 | LF | >6" To 12" Wide, Baseboard, Lead Abatement Encapsulation.....       | 9.05  |
| 02 83 19 13-0167 | SF | Brick, Concrete Block, Concrete, Lead Abatement Encapsulation.....  | 4.32  |
| 02 83 19 13-0168 | SF | Ornate Cabinets, Lead Abatement Encapsulation.....                  | 9.74  |
| 02 83 19 13-0169 | SF | Simple Design Cabinets, Lead Abatement Encapsulation.....           | 7.93  |
| 02 83 19 13-0170 | SF | Drywall Ceilings, Lead Abatement Encapsulation.....                 | 2.70  |
| 02 83 19 13-0171 | SF | Wood Ceilings, Lead Abatement Encapsulation.....                    | 3.28  |
| 02 83 19 13-0172 | SF | Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation.....  | 3.04  |
| 02 83 19 13-0173 | SF | Columns, Lead Abatement Encapsulation.....                          | 5.22  |
| 02 83 19 13-0174 | SF | Doors, Lead Abatement Encapsulation.....                            | 9.97  |
| 02 83 19 13-0175 | LF | Up To 2" Electrical Conduit, Lead Abatement Encapsulation.....      | 4.40  |
| 02 83 19 13-0176 | SF | Picket Fence (Brush), Lead Abatement Encapsulation.....             | 3.11  |
| 02 83 19 13-0177 | SF | Wood Floors (Roller), Lead Abatement Encapsulation.....             | 2.60  |
| 02 83 19 13-0178 | SF | Grilles, Vents, Lead Abatement Encapsulation.....                   | 7.26  |
| 02 83 19 13-0179 | LF | Gutters And Downspouts, Lead Abatement Encapsulation.....           | 6.72  |
| 02 83 19 13-0180 | EA | Hangers, Lead Abatement Encapsulation.....                          | 57.39 |
| 02 83 19 13-0181 | LF | Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....   | 4.08  |
| 02 83 19 13-0182 | LF | >4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation.....  | 5.88  |
| 02 83 19 13-0183 | LF | >8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation..... | 9.09  |





|                      |  |  |       |
|----------------------|--|--|-------|
| Existing Conditions  |  |  | 02    |
| Facility Remediation |  |  | 02 80 |
| Lead Remediation     |  |  | 02 83 |

| MINOR            |                                                                                                                                                                                                                                                   | TOTAL DIRECT |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                   | UNIT COST    |  | UNIT COST  |
| 02 83 19 13-0184 | LF >12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation .....                                                                                                                                                                          | 13.42        |  |            |
| 02 83 19 13-0185 | EA Radiators, Lead Abatement Encapsulation.....                                                                                                                                                                                                   | 147.81       |  |            |
| 02 83 19 13-0186 | EA Up To 6" Shutters, Lead Abatement Encapsulation .....                                                                                                                                                                                          | 211.96       |  |            |
| 02 83 19 13-0187 | SF Siding, Lead Abatement Encapsulation .....                                                                                                                                                                                                     | 3.71         |  |            |
| 02 83 19 13-0188 | SF Up To 12" Soffit, Lead Abatement Encapsulation .....                                                                                                                                                                                           | 5.22         |  |            |
| 02 83 19 13-0189 | SF Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation .....                                                                                                                                                                   | 4.32         |  |            |
| 02 83 19 13-0190 | SF Steel Beams And Metal Decks, Lead Abatement Encapsulation.....                                                                                                                                                                                 | 5.65         |  |            |
| 02 83 19 13-0191 | SF Trusses, Lead Abatement Encapsulation .....                                                                                                                                                                                                    | 5.65         |  |            |
| 02 83 19 13-0192 | SF Drywall Walls, Lead Abatement Encapsulation.....                                                                                                                                                                                               | 2.40         |  |            |
| 02 83 19 13-0193 | SF Wood Walls, Lead Abatement Encapsulation.....                                                                                                                                                                                                  | 2.96         |  |            |
| 02 83 19 13-0194 | EA Window Without Grille, Lead Abatement Encapsulation.....                                                                                                                                                                                       | 125.07       |  |            |
| 02 83 19 13-0195 | EA Window With Grille, Lead Abatement Encapsulation.....                                                                                                                                                                                          | 160.88       |  |            |
| 02 83 19 13-0196 | LF Wood Door Frames And Trim, Lead Abatement Encapsulation .....                                                                                                                                                                                  | 3.85         |  |            |
| 02 83 19 13-0197 | LF Steel Lintels, Lead Abatement Encapsulation .....                                                                                                                                                                                              | 4.42         |  |            |
| 02 83 19 13-0198 | LF Wood Fascia Boards, Lead Abatement Encapsulation.....                                                                                                                                                                                          | 1.74         |  |            |
| 02 83 19 13-0199 | SF Wood Eaves, Lead Abatement Encapsulation.....                                                                                                                                                                                                  | 1.74         |  |            |
| 02 83 19 13-0200 | LF Wood Window Sill, Lead Abatement Encapsulation .....                                                                                                                                                                                           | 3.52         |  |            |
| 02 83 19 13-0201 | LF Wood Window Sash, Lead Abatement Encapsulation.....                                                                                                                                                                                            | 4.52         |  |            |
| 02 83 19 13-0202 | LF Wood Window Jamb And Trim, Lead Abatement Encapsulation.....                                                                                                                                                                                   | 6.33         |  |            |
| 02 83 19 13-0203 | LF Wood Doorway Threshold, Lead Abatement Encapsulation.....                                                                                                                                                                                      | 4.24         |  |            |
| 02 83 19 13-0204 | LF Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation.....                                                                                                                                                                       | 6.67         |  |            |
| 02 83 19 13-0205 | LF >6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation.....                                                                                                                                                                     | 9.05         |  |            |
| 02 83 19 13-0206 | LF Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation.....                                                                                                                                                                       | 8.29         |  |            |
| 02 83 19 13-0207 | LF >6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation.....                                                                                                                                                                     | 11.20        |  |            |
| 02 83 19 13-0208 | Removal By Heat Gun Of Lead Contaminated Material (02 83 19 13)<br>Note: Remove of multi-layers of paint down to substrate                                                                                                                        |              |  |            |
| 02 83 19 13-0209 | SF Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun .....                                                                                                                                                                      | 7.23         |  |            |
| 02 83 33         | Removal and Disposal of Material Containing Lead (02 83)                                                                                                                                                                                          |              |  |            |
| 02 83 33 13      | Lead-Based Paint Removal and Disposal (02 83 33)                                                                                                                                                                                                  |              |  |            |
| 02 83 33 13-0001 | Remove Loose Dirt And Debris Containing Lead (02 83 33 13)                                                                                                                                                                                        |              |  |            |
| 02 83 33 13-0002 | SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent.....                                                                                                                              | 0.31         |  |            |
| 02 83 33 13-0003 | SF High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate .....                                                                                                                       | 0.30         |  |            |
| 02 83 33 13-0004 | SF High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting .....                                                                                                                                        | 1.54         |  |            |
| 02 84            | Polychlorinated Biphenyl Remediation (02 80)                                                                                                                                                                                                      |              |  |            |
| 02 84 16         | Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)                                                                                                                                                                       |              |  |            |
| 02 84 16 00-0001 | Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)<br>Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling. |              |  |            |
| 02 84 16 00-0002 | EA Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling .....                                                                                                                        | 9.86         |  |            |
| 02 84 16 00-0003 | Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)<br>Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.                                                                          |              |  |            |
| 02 84 16 00-0004 | EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....                                                                                                                                                 | 3.21         |  |            |
| 02 84 16 00-0005 | EA Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....                                                                                                                                                | 4.09         |  |            |
| 02 84 16 00-0006 | EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....                                                                                                                                         | 9.67         |  |            |
| 02 84 16 00-0007 | EA Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....                                                                                                                                         | 20.23        |  |            |
| 02 84 16 00-0008 | Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)<br>Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.                                                           |              |  |            |
| 02 84 16 00-0009 | EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....                                                                                                                                      | 5.85         |  |            |
| 02 84 16 00-0010 | EA Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....                                                                                                                                     | 8.05         |  |            |
| 02 84 16 00-0011 | EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....                                                                                                                                          | 24.85        |  |            |
| 02 84 16 00-0012 | EA Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....                                                                                                                                         | 48.25        |  |            |
| 02 84 33         | Removal and Disposal of Polychlorinated Biphenyls (02 84)                                                                                                                                                                                         |              |  |            |
| 02 84 33 00-0001 | Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33)<br>Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.                                                                        |              |  |            |
| 02 84 33 00-0002 | EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB).....                                                                                                                                                      | 5,242.77     |  |            |
| 02 84 33 00-0003 | EA Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB).....                                                                                                                                                           | 8,276.02     |  |            |
| 02 84 33 00-0004 | EA Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB).....                                                                                                                                                                        | 2,175.21     |  |            |

**02 Existing Conditions****02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                       |           |
|------------------|----|---------------------------------------------------------------------------------------|-----------|
| 02 84 33 00-0005 | EA | Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB)..... | 10,064.10 |
|                  |    | Note: Includes disposal costs.                                                        |           |
| 02 84 33 00-0006 | EA | Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB) .....                  | 3,922.87  |
| 02 84 33 00-0007 | EA | Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB).....      | 15,933.89 |
|                  |    | Note: Includes disposal costs.                                                        |           |

**02 86 Hazardous Waste Drum Handling (02 80)**

|                  |    |                                                                          |          |
|------------------|----|--------------------------------------------------------------------------|----------|
| 02 86 00 00-0001 |    | Hazardous Waste Packaging (02 86)                                        |          |
| 02 86 00 00-0002 |    | Overpacks (02 86 00 00-0001)                                             |          |
| 02 86 00 00-0003 |    | Steel Salvage Drums, 16 Gauge (02 86 00 00-0002)                         |          |
| 02 86 00 00-0004 | EA | 110 Gallon, 30" Diameter X 41" High.....                                 | 594.79   |
| 02 86 00 00-0005 | EA | 85 Gallon, 26" Diameter X 38" High.....                                  | 338.57   |
| 02 86 00 00-0006 | EA | 83 Gallon, 26" Diameter X 36" High.....                                  | 326.77   |
| 02 86 00 00-0007 | EA | 55 Gallon, DOT 17C, 18" Diameter X 34" High.....                         | 204.44   |
| 02 86 00 00-0008 | EA | 30 Gallon, DOT 17C, 18" Diameter X 28" High.....                         | 161.05   |
| 02 86 00 00-0009 | EA | 22 Gallon, 16" Diameter X 25" High.....                                  | 108.51   |
| 02 86 00 00-0010 | EA | 15 Gallon, DOT 17C, 14" Diameter X 24" High.....                         | 98.10    |
| 02 86 00 00-0011 | EA | 10 Gallon, 13.8" Diameter X 15" High.....                                | 86.45    |
| 02 86 00 00-0012 |    | Polyethylene Overpacks (02 86 00 00-0002)                                |          |
| 02 86 00 00-0013 | EA | 95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High .....         | 671.85   |
| 02 86 00 00-0014 | EA | 20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High .....          | 124.16   |
| 02 86 00 00-0015 | EA | 85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High .....      | 607.94   |
| 02 86 00 00-0016 |    | Composite Overpacks (02 86 00 00-0002)                                   |          |
| 02 86 00 00-0017 | EA | 55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums.....     | 329.90   |
| 02 86 00 00-0018 | EA | 55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums.....     | 452.71   |
| 02 86 00 00-0019 | EA | 85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums .....  | 614.05   |
| 02 86 00 00-0020 |    | DOT E-9168 Exempt Packaging (02 86 00 00-0002)                           |          |
| 02 86 00 00-0021 | EA | 32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....         | 59.32    |
| 02 86 00 00-0022 | EA | 950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....        | 62.58    |
| 02 86 00 00-0023 | EA | 500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....        | 61.18    |
| 02 86 00 00-0024 | EA | 250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....        | 30.29    |
| 02 86 00 00-0025 | EA | Can, Carton, Insert, Tape - Corrosive And Flammable - UPS .....          | 17.68    |
| 02 86 00 00-0026 | EA | 16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS .....         | 13.67    |
| 02 86 00 00-0027 | EA | 32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS .....         | 17.78    |
| 02 86 00 00-0028 |    | Steel Drums (02 86 00 00-0001)                                           |          |
| 02 86 00 00-0029 |    | UN Rated Steel Drums (02 86 00 00-0028)                                  |          |
| 02 86 00 00-0030 | EA | UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum .....               | 228.78   |
| 02 86 00 00-0031 | EA | 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24) .....         | 1,113.58 |
| 02 86 00 00-0032 | EA | 55 Gallon Reconditioned Steel 17h Drum (50+) .....                       | 108.36   |
| 02 86 00 00-0033 | EA | 8 Gallon, 17C, Open, Steel Drum .....                                    | 110.77   |
| 02 86 00 00-0034 | EA | 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49) ..... | 1,380.00 |
| 02 86 00 00-0035 | EA | 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+) .....   | 1,308.15 |
| 02 86 00 00-0036 | EA | 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24) ..... | 1,598.52 |
| 02 86 00 00-0037 | EA | 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49) .....         | 1,092.62 |
| 02 86 00 00-0038 | EA | UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum .....             | 216.23   |
| 02 86 00 00-0039 | EA | UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum .....             | 175.33   |
| 02 86 00 00-0040 | EA | 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+) .....           | 984.86   |
| 02 86 00 00-0041 | EA | 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49) ..... | 1,568.59 |
| 02 86 00 00-0042 | EA | 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9).....             | 1,445.85 |
| 02 86 00 00-0043 | EA | 55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+) .....   | 1,412.93 |
| 02 86 00 00-0044 | EA | 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24).....           | 1,418.91 |
| 02 86 00 00-0045 | EA | UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum .....           | 138.17   |
| 02 86 00 00-0046 | EA | 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....             | 927.98   |
| 02 86 00 00-0047 | EA | UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum .....               | 160.17   |
| 02 86 00 00-0048 | EA | 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....             | 1,508.72 |
| 02 86 00 00-0049 | EA | 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....           | 892.06   |
| 02 86 00 00-0050 | EA | 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49).....           | 1,278.22 |
| 02 86 00 00-0051 | EA | 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....           | 853.14   |
| 02 86 00 00-0052 | EA | 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....           | 1,472.80 |
| 02 86 00 00-0053 | EA | UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum .....             | 136.15   |
| 02 86 00 00-0054 | EA | 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....             | 1,212.36 |
| 02 86 00 00-0055 | EA | 55 Gallon Reconditioned Steel 17h Drum (1-9).....                        | 158.93   |
| 02 86 00 00-0056 | EA | 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....             | 823.21   |
| 02 86 00 00-0057 | EA | 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....           | 1,445.85 |
| 02 86 00 00-0058 | EA | 30 Gallon, 17E, Open, Steel Drum .....                                   | 98.77    |
| 02 86 00 00-0059 | EA | 55 Gallon Reconditioned Steel 17h Drum (10-24) .....                     | 140.87   |
| 02 86 00 00-0060 | EA | 20 Gallon, 17C, Open, Steel Drum .....                                   | 138.82   |
| 02 86 00 00-0061 | EA | 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....             | 1,302.17 |



|                               |  |  |       |
|-------------------------------|--|--|-------|
| Existing Conditions           |  |  | 02    |
| Facility Remediation          |  |  | 02 80 |
| Hazardous Waste Drum Handling |  |  | 02 86 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 86 00 00-0062 EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1,559.61                  |                         |
| 02 86 00 00-0063 EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1,140.52                  |                         |
| 02 86 00 00-0064 EA 55 Gallon Reconditioned Steel 17h Drum (25-49).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 122.81                    |                         |
| 02 86 00 00-0065 EA 20 Gallon, 17E, Open, Steel Drum.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 93.43                     |                         |
| 02 86 00 00-0066 EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1,529.67                  |                         |
| 02 86 00 00-0067 Plastic Drums (02 86 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 02 86 00 00-0068 Polyethylene Closed Head Drums (02 86 00 00-0067)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 02 86 00 00-0069 EA 55 Gallon Polyethylene Closed Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 143.62                    |                         |
| 02 86 00 00-0070 EA 35 Gallon Polyethylene Closed Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 110.25                    |                         |
| 02 86 00 00-0071 EA 30 Gallon Polyethylene Closed Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100.11                    |                         |
| 02 86 00 00-0072 EA 20 Gallon Polyethylene Closed Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 69.94                     |                         |
| 02 86 00 00-0073 EA 15 Gallon Polyethylene Closed Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 68.61                     |                         |
| 02 86 00 00-0074 Polyethylene Open Head Drums (02 86 00 00-0067)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| Note: Open head drums are primarily used for solids and sludge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 02 86 00 00-0075 EA 55 Gallon Polyethylene Open Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 181.53                    |                         |
| 02 86 00 00-0076 EA 35 Gallon Polyethylene Open Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 133.48                    |                         |
| 02 86 00 00-0077 EA 30 Gallon Polyethylene Open Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 126.80                    |                         |
| 02 86 00 00-0078 EA 20 Gallon Polyethylene Open Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 93.43                     |                         |
| 02 86 00 00-0079 EA 15 Gallon Polyethylene Open Head Drums.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 80.09                     |                         |
| 02 86 00 00-0080 Fiber Drums (02 86 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous (02 86 00 00-0080)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| 02 86 00 00-0082 EA 30 Gallon Fiber Drum DOT-21C (1-9).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 109.98                    |                         |
| 02 86 00 00-0083 EA 30 Gallon Fiber Drum DOT-21C (10-24).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 103.04                    |                         |
| 02 86 00 00-0084 EA 30 Gallon Fiber Drum DOT-21C (25-49).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 93.97                     |                         |
| 02 86 00 00-0085 EA 30 Gallon Fiber Drum DOT-21C (50+).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 92.90                     |                         |
| 02 86 00 00-0086 EA 55 Gallon Fiber Drum DOT-21C (1-9).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 113.19                    |                         |
| 02 86 00 00-0087 EA 55 Gallon Fiber Drum DOT-21C (10-24).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 106.78                    |                         |
| 02 86 00 00-0088 EA 55 Gallon Fiber Drum DOT-21C (25-49).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98.77                     |                         |
| 02 86 00 00-0089 EA 55 Gallon Fiber Drum DOT-21C (50-99).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 95.57                     |                         |
| 02 86 00 00-0090 EA 55 Gallon Fiber Drum DOT-21C (100+).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 82.76                     |                         |
| 02 86 00 00-0091 EA 10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 70.48                     |                         |
| 02 86 00 00-0092 EA 20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 76.88                     |                         |
| 02 86 00 00-0093 EA 20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 89.70                     |                         |
| 02 86 00 00-0094 Loading Hazardous Waste For Shipment (02 86 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 02 86 00 00-0095 EA Load Drums On Disposal Truck.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11.93                     |                         |
| 02 86 00 00-0096 EA Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,263.65                  |                         |
| 02 86 00 00-0097 Transport Drums To Landfill (02 86 00 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| Note: Includes transportation for up to 25 miles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 02 86 00 00-0098 EA Transport Drum To Landfill.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 99.31                     |                         |
| Note: Includes transportation for up to 25 miles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| 02 87 Bio-Hazard Material Remediation (02 80)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| 02 87 13 Mold Remediation (02 87)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
| Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers. |                           |                         |
| 02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| 02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| Note: Treat fittings as additional lf of insulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| Note: Diameter is outer size of insulation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                         |
| 02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |
| Note: Excludes encased fittings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| 02 87 13 33-0004 SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 871.02                    |                         |
| 02 87 13 33-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 33.78                     |                         |
| 02 87 13 33-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25.45                     |                         |
| 02 87 13 33-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19.20                     |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

| MINOR<br>CSI UOM DESCRIPTION |     |                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 87 13 33-0008             | LF  | >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                | 14.50                     |                         |
| 02 87 13 33-0009             | LF  | >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                         | 12.67                     |                         |
| 02 87 13 33-0010             |     | <b>&gt;6" Diameter Pipe Insulation, Mold Abatement And Disposal</b> (02 87 13 33-0002)                                  |                           |                         |
| 02 87 13 33-0011             | SET | Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                             | 897.34                    |                         |
| 02 87 13 33-0012             | LF  | >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                           | 40.09                     |                         |
| 02 87 13 33-0013             | LF  | >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                          | 30.51                     |                         |
| 02 87 13 33-0014             | LF  | >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                        | 23.31                     |                         |
| 02 87 13 33-0015             | LF  | >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                     | 17.93                     |                         |
| 02 87 13 33-0016             | LF  | >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....                                              | 15.82                     |                         |
| 02 87 13 33-0017             |     | <b>Thermal Insulation, Mold Abatement And Disposal</b> (02 87 13 33)                                                    |                           |                         |
| 02 87 13 33-0018             |     | <b>Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal</b> (02 87 13 33-0017)                         |                           |                         |
| 02 87 13 33-0019             | SET | Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....                                        | 884.18                    |                         |
| 02 87 13 33-0020             | SF  | >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....                                      | 19.60                     |                         |
| 02 87 13 33-0021             | SF  | >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....                                   | 14.81                     |                         |
| 02 87 13 33-0022             | SF  | >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal.....                          | 11.22                     |                         |
| 02 87 13 33-0023             | SF  | >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....                                         | 8.70                      |                         |
| 02 87 13 33-0024             |     | <b>Surfacing Material, Mold Abatement And Disposal</b> (02 87 13 33)                                                    |                           |                         |
|                              |     | Note: e.g. fireproofing, acoustical plaster, etc.                                                                       |                           |                         |
| 02 87 13 33-0025             |     | <b>Stucco, Mold Abatement And Disposal</b> (02 87 13 33-0024)                                                           |                           |                         |
|                              |     | Note: Remove surface coat from brown coat or remove entire assembly, including lath.                                    |                           |                         |
| 02 87 13 33-0026             | SET | Up To 50 SF, Stucco, Mold Abatement And Disposal.....                                                                   | 876.87                    |                         |
| 02 87 13 33-0027             | SF  | >50 To 500 SF, Stucco, Mold Abatement And Disposal.....                                                                 | 19.45                     |                         |
| 02 87 13 33-0028             | SF  | >500 To 2,500 SF, Stucco, Mold Abatement And Disposal.....                                                              | 14.66                     |                         |
| 02 87 13 33-0029             | SF  | >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal.....                                                           | 11.07                     |                         |
| 02 87 13 33-0030             | SF  | >10,000 SF, Stucco, Mold Abatement And Disposal.....                                                                    | 8.40                      |                         |
| 02 87 13 33-0031             |     | <b>Acoustical Plaster, Mold Abatement And Disposal</b> (02 87 13 33-0024)                                               |                           |                         |
|                              |     | Note: Remove surface coat from brown coat or remove entire assembly, including lath.                                    |                           |                         |
| 02 87 13 33-0032             | SET | Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal.....                                                       | 876.87                    |                         |
| 02 87 13 33-0033             | SF  | >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....                                                     | 19.45                     |                         |
| 02 87 13 33-0034             | SF  | >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....                                                  | 14.66                     |                         |
| 02 87 13 33-0035             | SF  | >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....                                               | 11.07                     |                         |
| 02 87 13 33-0036             | SF  | >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....                                                        | 8.40                      |                         |
| 02 87 13 33-0037             |     | <b>Gypsum Board, Mold Abatement And Disposal</b> (02 87 13 33-0024)                                                     |                           |                         |
| 02 87 13 33-0038             | SET | Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....                                                            | 891.50                    |                         |
| 02 87 13 33-0039             | SF  | >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal.....                                                          | 6.49                      |                         |
| 02 87 13 33-0040             | SF  | >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal.....                                                        | 5.14                      |                         |
| 02 87 13 33-0041             | SF  | >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal.....                                                     | 4.06                      |                         |
| 02 87 13 33-0042             | SF  | >10,000 SF, Gypsum Board, Mold Abatement And Disposal.....                                                              | 2.99                      |                         |
| 02 87 13 33-0043             |     | <b>Fireproofing, Mold Abatement And Disposal</b> (02 87 13 33-0024)                                                     |                           |                         |
|                              |     | Note: Exposed surface area, includes associated overspray.                                                              |                           |                         |
| 02 87 13 33-0044             | SET | Up To 50 SF, Fireproofing, Mold Abatement And Disposal.....                                                             | 884.18                    |                         |
| 02 87 13 33-0045             | SF  | >50 To 500 SF, Fireproofing, Mold Abatement And Disposal.....                                                           | 26.85                     |                         |
| 02 87 13 33-0046             | SF  | >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal.....                                                        | 20.27                     |                         |
| 02 87 13 33-0047             | SF  | >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal.....                                                     | 15.32                     |                         |
| 02 87 13 33-0048             | SF  | >10,000 SF, Fireproofing, Mold Abatement And Disposal.....                                                              | 11.60                     |                         |
| 02 87 13 33-0049             |     | <b>Flooring, Mold Abatement And Disposal</b> (02 87 13 33)                                                              |                           |                         |
|                              |     | Note: Includes cove base.                                                                                               |                           |                         |
| 02 87 13 33-0050             |     | <b>Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 87 13 33-0049)                                           |                           |                         |
| 02 87 13 33-0051             |     | <b>Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 87 13 33-0050)                                           |                           |                         |
|                              |     | Note: Single layer or first of multiple layers.                                                                         |                           |                         |
| 02 87 13 33-0052             | SET | Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....        | 891.50                    |                         |
| 02 87 13 33-0053             | SF  | >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....      | 6.45                      |                         |
|                              |     | For Each Additional Layer, Add.....                                                                                     | 1.61                      |                         |
| 02 87 13 33-0054             | SF  | >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....    | 3.61                      |                         |
|                              |     | For Each Additional Layer, Add.....                                                                                     | 0.90                      |                         |
| 02 87 13 33-0055             | SF  | >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal..... | 2.09                      |                         |
|                              |     | For Each Additional Layer, Add.....                                                                                     | 0.52                      |                         |
| 02 87 13 33-0056             | SF  | >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....          | 1.62                      |                         |
|                              |     | For Each Additional Layer, Add.....                                                                                     | 0.41                      |                         |
| 02 87 13 33-0057             |     | <b>Carpet, Mold Abatement And Disposal</b> (02 87 13 33-0049)                                                           |                           |                         |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Facility Remediation            |  | 02 80 |
| Bio-Hazard Material Remediation |  | 02 87 |

| MINOR                                                                                                                                                        |     | TOTAL DIRECT                                                                                                                        |        | DEMOLITION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------|--------|------------|
| CSI UOM DESCRIPTION                                                                                                                                          |     | UNIT COST                                                                                                                           |        | UNIT COST  |
| 02 87 13 33-0058 Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)                                                                           |     |                                                                                                                                     |        |            |
| 02 87 13 33-0059                                                                                                                                             | SET | Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal                                                                        | 891.50 |            |
| 02 87 13 33-0060                                                                                                                                             | SF  | >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal                                                                      | 5.36   |            |
| 02 87 13 33-0061                                                                                                                                             | SF  | >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal                                                                    | 3.37   |            |
| 02 87 13 33-0062                                                                                                                                             | SF  | >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal                                                                 | 2.25   |            |
| 02 87 13 33-0063                                                                                                                                             | SF  | >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal                                                                          | 1.72   |            |
| 02 87 13 33-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)                                                             |     |                                                                                                                                     |        |            |
| 02 87 13 33-0065                                                                                                                                             | SET | Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal<br>Note: Includes tack strips.                                            | 891.50 |            |
| 02 87 13 33-0066                                                                                                                                             | SF  | >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal<br>Note: Includes tack strips.                                          | 6.04   |            |
| 02 87 13 33-0067                                                                                                                                             | SF  | >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal<br>Note: Includes tack strips.                                        | 4.39   |            |
| 02 87 13 33-0068                                                                                                                                             | SF  | >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal<br>Note: Includes tack strips.                                     | 3.48   |            |
| 02 87 13 33-0069                                                                                                                                             | SF  | >10,000 SF, Carpet And Pad, Mold Abatement And Disposal<br>Note: Includes tack strips.                                              | 2.68   |            |
| 02 87 13 33-0070 Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)                                                                                 |     |                                                                                                                                     |        |            |
| 02 87 13 33-0071                                                                                                                                             | SET | Up To 75 SF, Subflooring, Mold Abatement And Disposal                                                                               | 884.18 |            |
| 02 87 13 33-0072                                                                                                                                             | SF  | >75 To 500 SF, Subflooring, Mold Abatement And Disposal                                                                             | 7.42   |            |
| 02 87 13 33-0073                                                                                                                                             | SF  | >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal                                                                          | 4.74   |            |
| 02 87 13 33-0074                                                                                                                                             | SF  | >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal                                                                       | 2.86   |            |
| 02 87 13 33-0075                                                                                                                                             | SF  | >10,000 SF, Subflooring, Mold Abatement And Disposal                                                                                | 1.83   |            |
| 02 87 13 33-0076 Siding, Mold Abatement And Disposal (02 87 13 33)                                                                                           |     |                                                                                                                                     |        |            |
| 02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076)<br>Note: Includes detachment of mounted objects before removal.           |     |                                                                                                                                     |        |            |
| 02 87 13 33-0078                                                                                                                                             | SET | Up To 100 SF, Interior Paneling, Mold Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal.        | 891.50 |            |
| 02 87 13 33-0079                                                                                                                                             | SF  | >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal.      | 6.42   |            |
| 02 87 13 33-0080                                                                                                                                             | SF  | >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal.    | 4.52   |            |
| 02 87 13 33-0081                                                                                                                                             | SF  | >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal. | 2.63   |            |
| 02 87 13 33-0082                                                                                                                                             | SF  | >10,000 SF, Interior Paneling, Mold Abatement And Disposal<br>Note: Includes detachment of mounted objects before removal.          | 2.01   |            |
| 02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)                                                                             |     |                                                                                                                                     |        |            |
| 02 87 13 33-0084                                                                                                                                             | SET | Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal                                                                    | 891.50 |            |
| 02 87 13 33-0085                                                                                                                                             | SF  | >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal                                                                  | 7.98   |            |
| 02 87 13 33-0086                                                                                                                                             | SF  | >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal                                                                | 5.55   |            |
| 02 87 13 33-0087                                                                                                                                             | SF  | >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal                                                             | 3.74   |            |
| 02 87 13 33-0088                                                                                                                                             | SF  | >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal                                                                      | 3.37   |            |
| 02 87 13 33-0089 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)                                                                              |     |                                                                                                                                     |        |            |
| 02 87 13 33-0090 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)                                                                         |     |                                                                                                                                     |        |            |
| 02 87 13 33-0091                                                                                                                                             | SET | Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal                                                                       | 897.34 |            |
| 02 87 13 33-0092                                                                                                                                             | CF  | >20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal                                                                     | 31.57  |            |
| 02 87 13 33-0093                                                                                                                                             | CF  | >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal                                                                    | 21.63  |            |
| 02 87 13 33-0094                                                                                                                                             | CF  | >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal                                                                    | 16.66  |            |
| 02 87 13 33-0095                                                                                                                                             | CF  | >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal                                                                  | 13.67  |            |
| 02 87 13 33-0096                                                                                                                                             | CF  | >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal                                                               | 8.26   |            |
| 02 87 13 33-0097                                                                                                                                             | CF  | >10,000 CF, Contaminated Debris, Mold Abatement And Disposal                                                                        | 7.61   |            |
| 02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)                                                                  |     |                                                                                                                                     |        |            |
| 02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)<br>Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material. |     |                                                                                                                                     |        |            |
| 02 87 13 33-0100                                                                                                                                             | SET | Up To 100 LF, Wood Studs, Mold Abatement And Disposal                                                                               | 445.74 |            |
| 02 87 13 33-0101                                                                                                                                             | LF  | >100 To 500 LF, Wood Studs, Mold Abatement And Disposal                                                                             | 3.63   |            |
| 02 87 13 33-0102                                                                                                                                             | LF  | >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal                                                                           | 2.70   |            |
| 02 87 13 33-0103                                                                                                                                             | LF  | >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal                                                                        | 2.11   |            |
| 02 87 13 33-0104                                                                                                                                             | LF  | >10,000 LF, Wood Studs, Mold Abatement And Disposal                                                                                 | 1.60   |            |
| 02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098)<br>Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.                 |     |                                                                                                                                     |        |            |
| 02 87 13 33-0106                                                                                                                                             | SET | Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal                                                                             | 891.50 |            |
| 02 87 13 33-0107                                                                                                                                             | SF  | >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal                                                                         | 11.07  |            |
| 02 87 13 33-0108                                                                                                                                             | SF  | >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal                                                                       | 5.20   |            |

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                        |      |
|------------------|----|------------------------------------------------------------------------|------|
| 02 87 13 33-0109 | SF | >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal .....   | 3.74 |
| 02 87 13 33-0110 | SF | >10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal .....  | 3.68 |
| 02 87 13 33-0111 | SF | >25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal .....  | 3.61 |
| 02 87 13 33-0112 | SF | >50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal ..... | 3.16 |
| 02 87 13 33-0113 | SF | >100,000 SF, Ceiling Tile, Mold Abatement And Disposal .....           | 2.76 |

**02 87 13 33-0114 Caulking, Mold Abatement And Disposal (02 87 13 33-0098)**

|                  |     |                                                                 |        |
|------------------|-----|-----------------------------------------------------------------|--------|
| 02 87 13 33-0115 | SET | Up To 20 LF, Caulking, Mold Abatement And Disposal .....        | 216.04 |
| 02 87 13 33-0116 | LF  | >20 To 50 LF, Caulking, Mold Abatement And Disposal .....       | 4.33   |
| 02 87 13 33-0117 | LF  | >50 To 100 LF, Caulking, Mold Abatement And Disposal .....      | 3.10   |
| 02 87 13 33-0118 | LF  | >100 To 250 LF, Caulking, Mold Abatement And Disposal .....     | 2.35   |
| 02 87 13 33-0119 | LF  | >250 To 1,000 LF, Caulking, Mold Abatement And Disposal .....   | 1.74   |
| 02 87 13 33-0120 | LF  | >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal ..... | 1.41   |
| 02 87 13 33-0121 | LF  | >2,500 LF, Caulking, Mold Abatement And Disposal .....          | 1.22   |

**02 87 13 33-0122 Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)**

|                  |     |                                                          |        |
|------------------|-----|----------------------------------------------------------|--------|
| 02 87 13 33-0123 | CSF | Wipe Down Floors With Mild Bleach Solution .....         | 23.97  |
|                  |     | For >25 To 50, Deduct .....                              | -2.40  |
|                  |     | For >50 To 200, Deduct .....                             | -5.99  |
|                  |     | For >200, Deduct .....                                   | -9.58  |
| 02 87 13 33-0124 | CSF | Wipe Down Walls With Mild Bleach Solution .....          | 28.19  |
|                  |     | For >25 To 50, Deduct .....                              | -2.82  |
|                  |     | For >50 To 200, Deduct .....                             | -7.04  |
|                  |     | For >200, Deduct .....                                   | 11.27  |
| 02 87 13 33-0125 | CSF | Wipe Down Ceilings With Mild Bleach Solution .....       | 32.07  |
|                  |     | For >25 To 50, Deduct .....                              | -3.21  |
|                  |     | For >50 To 200, Deduct .....                             | -8.01  |
|                  |     | For >200, Deduct .....                                   | -12.82 |
| 02 87 13 33-0126 | CSF | Wipe Down Countertops With Mild Bleach Solution .....    | 26.15  |
|                  |     | For >25 To 50, Deduct .....                              | -2.61  |
| 02 87 13 33-0127 | CSF | Wipe Down Other Surfaces With Mild Bleach Solution ..... | 33.18  |
|                  |     | For >25 To 50, Deduct .....                              | -3.32  |
|                  |     | For >50 To 200, Deduct .....                             | -8.29  |
|                  |     | For >200, Deduct .....                                   | -13.26 |

**02 87 13 33-0128 Cabinets (02 87 13 33-0098)**

|                  |     |                                                               |        |
|------------------|-----|---------------------------------------------------------------|--------|
| 02 87 13 33-0129 | SET | Up To 10 LF, Base Cabinet, Mold Abatement And Disposal .....  | 942.02 |
| 02 87 13 33-0130 | LF  | >10 To 20 LF, Base Cabinet, Mold Abatement And Disposal ..... | 99.44  |
| 02 87 13 33-0131 | LF  | >20 LF, Base Cabinet, Mold Abatement And Disposal .....       | 73.28  |
| 02 87 13 33-0132 | SET | Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal .....  | 889.38 |
| 02 87 13 33-0133 | LF  | >10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal ..... | 83.70  |
| 02 87 13 33-0134 | LF  | >20 LF, Wall Cabinet, Mold Abatement And Disposal .....       | 57.56  |

**02 87 16 Excrement Removal (02 87)**

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

**02 87 16 13 Bird Excrement Removal (02 87 16)****02 87 16 13-0001 Bird Waste Removal (02 87 16 13)**

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

|                  |    |                                                                  |        |
|------------------|----|------------------------------------------------------------------|--------|
| 02 87 16 13-0002 | EA | Up To 10 SF Bird Waste Removal, Up To 3" Thickness .....         | 862.25 |
|                  |    | For Work In Restricted Working Space, Add .....                  | 258.68 |
| 02 87 16 13-0003 | SF | >10 To 500 SF Bird Waste Removal, Up To 3" Thickness .....       | 14.37  |
|                  |    | For Work In Restricted Working Space, Add .....                  | 4.31   |
| 02 87 16 13-0004 | SF | >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness .....    | 13.06  |
|                  |    | For Work In Restricted Working Space, Add .....                  | 3.92   |
| 02 87 16 13-0005 | SF | >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness ..... | 11.88  |
|                  |    | For Work In Restricted Working Space, Add .....                  | 3.56   |
| 02 87 16 13-0006 | SF | >10,000 SF Bird Waste Removal, Up To 3" Thickness .....          | 10.80  |
|                  |    | For Work In Restricted Working Space, Add .....                  | 3.24   |

**02 87 19 Bio-Hazard and Infectious Disease Control Remediation (02 87)****02 87 19 00-0001 Barriers For Bio-Hazard And Infectious Disease Control (02 87 19)****02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)**

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

|                  |    |                                                                                            |        |
|------------------|----|--------------------------------------------------------------------------------------------|--------|
| 02 87 19 00-0003 | EA | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000) ..... | 628.78 |
| 02 87 19 00-0004 | EA | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001) ..... | 597.28 |
| 02 87 19 00-0005 | EA | 2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002) ..... | 471.28 |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Facility Remediation            |  | 02 80 |
| Bio-Hazard Material Remediation |  | 02 87 |

| MINOR<br>CSI UOM DESCRIPTION |     |                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 87 19 00-0006             | EA  | 2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1) .....                                                                                     | 544.78                    |                         |
| 02 87 19 00-0007             | EA  | 4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003).....<br>Note: Includes a hydraulic closer and a lever style lockset standard.                                                                         | 1,064.53                  |                         |
| 02 87 19 00-0008             | EA  | 7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004) .....                                                                                                                                                                                        | 216.48                    |                         |
| 02 87 19 00-0009             | EA  | 6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005) .....                                                                                                                                                               | 288.15                    |                         |
| 02 87 19 00-0010             | EA  | 12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006) .....                                                                                                                                                              | 309.15                    |                         |
| 02 87 19 00-0011             | EA  | 7'-8" To 10' High, Outside Corner Post (Edge Guard 4007) .....                                                                                                                                                                                           | 179.73                    |                         |
| 02 87 19 00-0012             | EA  | 4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008).....<br>Note: Includes a hydraulic closer and a lever style lockset standard.                                                                      | 1,274.53                  |                         |
| 02 87 19 00-0013             | EA  | 7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....                                                                                                                                                                                       | 179.73                    |                         |
| 02 87 19 00-0014             | EA  | 3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010).....<br>Note: Includes a hydraulic closer and a lever style lockset standard.                                                                         | 959.53                    |                         |
| 02 87 19 00-0015             | EA  | Closure Strips (Edge Guard 3003).....<br>Note: To seal panels to existing walls                                                                                                                                                                          | 13.29                     |                         |
| 02 87 19 00-0016             | EA  | Digital Differential Pressure Gauge Kit (Edge Guard 3005).....                                                                                                                                                                                           | 294.30                    |                         |
| 02 87 19 00-0017             |     | Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)<br>Note: Includes removal and disposal in approved landfill after use.                                                                                               |                           |                         |
| 02 87 19 00-0018             | SF  | 6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control .....                                                                                                                                                           | 0.55                      |                         |
| 02 87 19 00-0019             | SF  | 6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control .....                                                                                                                                                            | 0.72                      |                         |
| 02 87 19 00-0020             | SF  | 6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control .....                                                                                                                                                         | 0.97                      |                         |
| 02 87 19 00-0021             | SF  | 6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....                                                                                                                                | 0.65                      |                         |
| 02 87 19 00-0022             | SF  | 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control .....                                                                                                                      | 0.82                      |                         |
| 02 87 19 00-0023             | SF  | 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control .....                                                                                                                   | 1.07                      |                         |
| 02 87 19 00-0024             |     | Temporary Floor Protection For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)<br>Note: Includes removal after use.                                                                                                                         |                           |                         |
| 02 87 19 00-0025             | SF  | 1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....                                                                                                                                                       | 1.78                      |                         |
| 02 87 19 00-0026             | SF  | 1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....                                                                                                                                                        | 1.81                      |                         |
| 02 87 19 00-0027             | SF  | 3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....                                                                                                                                                        | 2.14                      |                         |
| 02 87 19 00-0028             |     | Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)<br>Note: Includes removal after use.                                                                                                                                |                           |                         |
| 02 87 19 00-0029             | SF  | 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....                                                                                                                                               | 6.12                      |                         |
| 02 87 19 00-0030             | SF  | 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control .....                                                                                                                                            | 8.56                      |                         |
| 02 87 19 00-0031             | SF  | 5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control .....                                                                                                                              | 6.31                      |                         |
| 02 87 19 00-0032             | SF  | 5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control .....                                                                                                                            | 8.95                      |                         |
| 02 87 19 00-0033             | SF  | 6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control .....                                                                                                                        | 3.48                      |                         |
| 02 87 19 00-0034             |     | Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)<br>Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.                   |                           |                         |
| 02 87 19 00-0035             | GSF | Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control .....                                                                                                                          | 22.97                     |                         |
| 02 87 19 00-0036             | GSF | Relocate Tent Construction To Different Area .....                                                                                                                                                                                                       | 2.78                      |                         |
| 02 87 19 00-0037             |     | Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)<br>Note: Excludes gloves.                                                                                                                                           |                           |                         |
| 02 87 19 00-0038             | SF  | 3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....                                                                                                                                                         | 21.13                     |                         |
| 02 87 19 00-0039             | SF  | 1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control .....                                                                                                                                                        | 25.02                     |                         |
| 02 87 19 00-0040             | SF  | 3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control .....                                                                                                                                                        | 35.32                     |                         |
| 02 87 19 00-0041             | PR  | Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control.....<br>Note: Excludes gloves.                                                                                                                      | 1,471.28                  |                         |
| 02 87 19 00-0042             | PR  | Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....<br>Note: For installation in glove iris port.                                                                                           | 527.66                    |                         |
| 02 87 19 00-0043             | PR  | Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....<br>Note: For installation in glove iris port.                                                                                              | 843.62                    |                         |
| 02 87 19 00-0044             | EA  | 5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease .....                                                                                                                                    | 149.67                    |                         |
|                              |     | Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm). |                           |                         |
| 02 87 19 00-0045             |     | Temporary Portable And Mobile Trailers (02 87 19)                                                                                                                                                                                                        |                           |                         |
| 02 87 19 00-0046             |     | Trailer Delivery (02 87 19 00-0045)                                                                                                                                                                                                                      |                           |                         |
| 02 87 19 00-0047             | EA  | Deliver Trailer Within 25 Miles .....                                                                                                                                                                                                                    | 1,258.93                  |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                          |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------|
| 02 87 19 00-0048                                                                                                                                                                                                                                                                                                                                 | Portable And Mobile Trailers, Purchase (02 87 19 00-0045)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                          |           |
| Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                          |           |
| 02 87 19 00-0049                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8' x 24' Mobile Trailer With Toilet, Purchase                                                            | 13,013.17 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0050                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8' x 32' Mobile Trailer With Toilet, Purchase                                                            | 18,384.06 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0051                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10' x 36' Mobile Trailer With Toilet, Purchase                                                           | 26,231.68 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0052                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10' x 44' Mobile Trailer With Toilet, Purchase                                                           | 32,779.76 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0053                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10' x 50' Mobile Trailer With Toilet, Purchase                                                           | 37,267.68 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0054                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12' x 50' Mobile Trailer With Toilet, Purchase                                                           | 39,178.29 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0055                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12' x 60' Mobile Trailer With Toilet, Purchase                                                           | 43,593.62 |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Tie-Downs, Add                                                                                       | 129.42    |
| 02 87 19 00-0056                                                                                                                                                                                                                                                                                                                                 | Accessories For Portable And Mobile Trailers (02 87 19 00-0045)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                          |           |
| 02 87 19 00-0057                                                                                                                                                                                                                                                                                                                                 | Skirting (02 87 19 00-0056)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes 2" x 4" wood framing 16" on center.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |           |
| 02 87 19 00-0058                                                                                                                                                                                                                                                                                                                                 | SF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1'-8" High Vinyl Covered Skirt                                                                           | 5.19      |
| 02 87 19 00-0059                                                                                                                                                                                                                                                                                                                                 | SF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3' High Vinyl Covered Skirt                                                                              | 7.56      |
| 02 87 19 00-0060                                                                                                                                                                                                                                                                                                                                 | Aluminum Modular Access Ramp (02 87 19 00-0056)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes picketed guardrails, inside grabrails, legs and hardware.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                          |           |
| 02 87 19 00-0061                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Up To 35" High, Aluminum Modular Access Ramp                                                             | 3,795.40  |
| 02 87 19 00-0062                                                                                                                                                                                                                                                                                                                                 | Aluminum Modular Stairs (02 87 19 00-0056)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Excludes earthwork                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                          |           |
| 02 87 19 00-0063                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Aluminum Steps For Mobile Trailers                                                                       | 1,047.84  |
| 02 87 19 00-0064                                                                                                                                                                                                                                                                                                                                 | Decontamination Chambers For Bio-Hazard And Infectious Disease Control (02 87 19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes removal after use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
| 02 87 19 00-0065                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control | 986.78    |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes connection to negative air system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
| 02 87 19 00-0066                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control | 1,162.48  |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes connection to negative air system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
| 02 87 19 00-0067                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control                        | 597.57    |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes connection to negative air system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
| 02 87 19 00-0068                                                                                                                                                                                                                                                                                                                                 | Bio-Hazard And Infectious Disease Control Cleaning, Level 2 (02 87 19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill. |                                                                                                          |           |
| 02 87 19 00-0069                                                                                                                                                                                                                                                                                                                                 | Bio-Hazard And Infectious Disease Control Cleaning Mobilization (02 87 19 00-0068)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |           |
| 02 87 19 00-0070                                                                                                                                                                                                                                                                                                                                 | EA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Bio-Hazard And Infectious Disease Control Mobilization And Set-Up                                        | 364.21    |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Mobilization and set-up minimum for each site location.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                          |           |
| 02 87 19 00-0071                                                                                                                                                                                                                                                                                                                                 | Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces (02 87 19 00-0068)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |           |
|                                                                                                                                                                                                                                                                                                                                                  | Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |           |
| 02 87 19 00-0072                                                                                                                                                                                                                                                                                                                                 | CSF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution               | 27.01     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >25 To 50, Deduct                                                                                    | -2.70     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >50 To 200, Deduct                                                                                   | -5.40     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >200, Deduct                                                                                         | -8.09     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Cleaning Surfaces With Goldshield® GS5, Add                                                          | 14.56     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Level 1 Biohazard Cleaning, Deduct                                                                   | -5.40     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Level 3 Biohazard Cleaning, Add                                                                      | 8.90      |
| 02 87 19 00-0073                                                                                                                                                                                                                                                                                                                                 | CSF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution                | 31.76     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >25 To 50, Deduct                                                                                    | -3.17     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >50 To 200, Deduct                                                                                   | -6.35     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For >200, Deduct                                                                                         | -9.52     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Cleaning Surfaces With Goldshield® GS5, Add                                                          | 14.56     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Level 1 Biohazard Cleaning, Deduct                                                                   | -6.35     |
|                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | For Level 3 Biohazard Cleaning, Add                                                                      | 10.47     |





|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Facility Remediation            |  | 02 80 |
| Bio-Hazard Material Remediation |  | 02 87 |

| MINOR            |                                                                                                                             | TOTAL DIRECT |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                             | UNIT COST    |  | UNIT COST  |
| 02 87 19 00-0074 | CSF Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....                      | 36.13        |  |            |
|                  | For >25 To 50, Deduct                                                                                                       | -3.61        |  |            |
|                  | For >50 To 200, Deduct                                                                                                      | -7.22        |  |            |
|                  | For >200, Deduct                                                                                                            | -10.83       |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 14.56        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -7.22        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 11.91        |  |            |
| 02 87 19 00-0075 | CSF Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....                   | 29.46        |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 14.56        |  |            |
|                  | For >5 To 10, Deduct                                                                                                        | -1.47        |  |            |
|                  | For >10 To 50, Deduct                                                                                                       | -2.94        |  |            |
|                  | For >50, Deduct                                                                                                             | -5.89        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -5.89        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 9.71         |  |            |
| 02 87 19 00-0076 | CSF Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....                | 37.39        |  |            |
|                  | For >25 To 50, Deduct                                                                                                       | -3.74        |  |            |
|                  | For >50 To 200, Deduct                                                                                                      | -7.47        |  |            |
|                  | For >200, Deduct                                                                                                            | -11.21       |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 14.56        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -7.47        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 12.33        |  |            |
| 02 87 19 00-0077 | Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials (02 87 19 00-0068)                            |              |  |            |
|                  | Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect                                            |              |  |            |
| 02 87 19 00-0078 | EA Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....               | 69.79        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -13.95       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 23.02        |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 7.28         |  |            |
| 02 87 19 00-0079 | EA Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....             | 32.04        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -6.40        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 10.56        |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 4.85         |  |            |
| 02 87 19 00-0080 | EA Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....              | 112.43       |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -22.48       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 37.09        |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 7.28         |  |            |
| 02 87 19 00-0081 | EA Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....   | 6.94         |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -1.38        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 2.28         |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 1.46         |  |            |
| 02 87 19 00-0082 | EA Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....     | 103.64       |  |            |
|                  | Clean-up .....                                                                                                              |              |  |            |
|                  | Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers                                            |              |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -20.72       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 34.19        |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 7.28         |  |            |
| 02 87 19 00-0083 | EA Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution .....      | 11.08        |  |            |
|                  | Clean-up .....                                                                                                              |              |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -2.21        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 3.65         |  |            |
|                  | For Cleaning Surfaces With Goldshield® GS5, Add                                                                             | 1.46         |  |            |
| 02 87 19 00-0084 | Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0068)                                           |              |  |            |
| 02 87 19 00-0085 | LF Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....      | 4.08         |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -0.81        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 1.34         |  |            |
| 02 87 19 00-0086 | LF >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....   | 5.12         |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -1.01        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 1.67         |  |            |
| 02 87 19 00-0087 | LF >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....   | 6.86         |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -1.35        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 2.22         |  |            |
| 02 87 19 00-0088 | LF >8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning .....           | 9.72         |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -1.90        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 3.13         |  |            |
| 02 87 19 00-0089 | EA Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning .....                                             | 182.14       |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -36.42       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 60.10        |  |            |
| 02 87 19 00-0090 | SF Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning .....                            | 12.67        |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -2.53        |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 4.17         |  |            |
| 02 87 19 00-0091 | EA Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning ..... | 121.43       |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -24.28       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 40.06        |  |            |
| 02 87 19 00-0092 | EA Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning .....                        | 364.24       |  |            |
|                  | For Level 1 Biohazard Cleaning, Deduct                                                                                      | -72.84       |  |            |
|                  | For Level 3 Biohazard Cleaning, Add                                                                                         | 120.19       |  |            |

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

| MINOR<br>CSI                                                                                                                                                                                                                                                             | UOM | DESCRIPTION                                                                                                                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 87 19 00-0093                                                                                                                                                                                                                                                         | EA  | Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning .....<br>Note: Includes removal and reinstallation.<br>For Level 1 Biohazard Cleaning, Deduct<br>For Level 3 Biohazard Cleaning, Add      | 30.38<br>-6.07<br>10.02   |                         |
| 02 87 19 00-0094                                                                                                                                                                                                                                                         | SF  | Apply Sporidicin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....<br>For Level 1 Biohazard Cleaning, Deduct<br>For Level 3 Biohazard Cleaning, Add              | 0.55<br>-0.10<br>0.16     |                         |
| 02 87 19 00-0095                                                                                                                                                                                                                                                         | SF  | Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....<br>For Level 1 Biohazard Cleaning, Deduct<br>For Level 3 Biohazard Cleaning, Add | 0.64<br>-0.10<br>0.16     |                         |
| <b>02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)</b>                                                                                                                                                                            |     |                                                                                                                                                                                                                                 |                           |                         |
| Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.                                                                                                              |     |                                                                                                                                                                                                                                 |                           |                         |
| 02 87 19 00-0097                                                                                                                                                                                                                                                         | DAY | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                              | 107.35                    |                         |
| 02 87 19 00-0098                                                                                                                                                                                                                                                         | WK  | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                              | 457.24                    |                         |
| 02 87 19 00-0099                                                                                                                                                                                                                                                         | MO  | Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                              | 1,280.27                  |                         |
| 02 87 19 00-0100                                                                                                                                                                                                                                                         | DAY | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                            | 155.99                    |                         |
| 02 87 19 00-0101                                                                                                                                                                                                                                                         | WK  | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                            | 428.98                    |                         |
| 02 87 19 00-0102                                                                                                                                                                                                                                                         | MO  | Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                            | 1,169.93                  |                         |
| 02 87 19 00-0103                                                                                                                                                                                                                                                         | DAY | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                       | 45.88                     |                         |
| 02 87 19 00-0104                                                                                                                                                                                                                                                         | WK  | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                       | 126.17                    |                         |
| 02 87 19 00-0105                                                                                                                                                                                                                                                         | MO  | Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                       | 344.10                    |                         |
| 02 87 19 00-0106                                                                                                                                                                                                                                                         | DAY | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....                                                     | 104.34                    |                         |
| 02 87 19 00-0107                                                                                                                                                                                                                                                         | WK  | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....                                                     | 428.56                    |                         |
| 02 87 19 00-0108                                                                                                                                                                                                                                                         | MO  | Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....                                                     | 1,294.99                  |                         |
| 02 87 19 00-0109                                                                                                                                                                                                                                                         | EA  | High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up .....                                                             | 131.21                    |                         |
| Note: Required if over 800 hours operation.                                                                                                                                                                                                                              |     |                                                                                                                                                                                                                                 |                           |                         |
| 02 87 19 00-0110                                                                                                                                                                                                                                                         | DAY | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 435.08                    |                         |
| 02 87 19 00-0111                                                                                                                                                                                                                                                         | WK  | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 870.16                    |                         |
| 02 87 19 00-0112                                                                                                                                                                                                                                                         | MO  | 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 1,740.31                  |                         |
| 02 87 19 00-0113                                                                                                                                                                                                                                                         | DAY | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 580.10                    |                         |
| 02 87 19 00-0114                                                                                                                                                                                                                                                         | WK  | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 1,160.21                  |                         |
| 02 87 19 00-0115                                                                                                                                                                                                                                                         | MO  | 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 2,320.42                  |                         |
| 02 87 19 00-0116                                                                                                                                                                                                                                                         | DAY | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 979.47                    |                         |
| 02 87 19 00-0117                                                                                                                                                                                                                                                         | WK  | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 1,958.93                  |                         |
| 02 87 19 00-0118                                                                                                                                                                                                                                                         | MO  | 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 3,917.87                  |                         |
| 02 87 19 00-0119                                                                                                                                                                                                                                                         | DAY | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 1,305.96                  |                         |
| 02 87 19 00-0120                                                                                                                                                                                                                                                         | WK  | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 2,611.91                  |                         |
| 02 87 19 00-0121                                                                                                                                                                                                                                                         | MO  | 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                      | 5,223.82                  |                         |
| 02 87 19 00-0122                                                                                                                                                                                                                                                         | DAY | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                     | 1,632.45                  |                         |
| 02 87 19 00-0123                                                                                                                                                                                                                                                         | WK  | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                     | 3,264.89                  |                         |
| 02 87 19 00-0124                                                                                                                                                                                                                                                         | MO  | 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....                                                                                                                                     | 6,529.78                  |                         |
| 02 87 19 00-0125                                                                                                                                                                                                                                                         | EA  | Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....<br>Note: Includes staking down tent.                                                                                          | 111.13                    |                         |
| 02 87 19 00-0126                                                                                                                                                                                                                                                         | EA  | Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....<br>Note: Includes staking down tent.                                                                                          | 222.26                    |                         |
| 02 87 19 00-0127                                                                                                                                                                                                                                                         | EA  | Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....<br>Note: Includes staking down tent.                                                                                          | 666.78                    |                         |
| 02 87 19 00-0128                                                                                                                                                                                                                                                         | EA  | Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....<br>Note: Includes staking down tent.                                                                                          | 1,333.55                  |                         |
| 02 87 19 00-0129                                                                                                                                                                                                                                                         | EA  | Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....<br>Note: Includes staking down tent.                                                                                         | 2,222.59                  |                         |
| 02 87 19 00-0130                                                                                                                                                                                                                                                         | DAY | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                    | 95.14                     |                         |
| 02 87 19 00-0131                                                                                                                                                                                                                                                         | WK  | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                    | 261.63                    |                         |
| 02 87 19 00-0132                                                                                                                                                                                                                                                         | MO  | Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                    | 713.53                    |                         |
| <b>02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck (02 87 19)</b>                                                                                                                                                                            |     |                                                                                                                                                                                                                                 |                           |                         |
| Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck. |     |                                                                                                                                                                                                                                 |                           |                         |
| 02 87 19 00-0134                                                                                                                                                                                                                                                         | EA  | Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                  | 108.32                    |                         |
| Note: Each first 15 miles per trip                                                                                                                                                                                                                                       |     |                                                                                                                                                                                                                                 |                           |                         |
| For Each Additional Mile Over First 15 Miles, Add Per Mile                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                 | 1.35                      |                         |
| 02 87 19 00-0135                                                                                                                                                                                                                                                         | EA  | Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up.....                                                                                                                           | 165.27                    |                         |
| Note: Each first 15 miles per trip                                                                                                                                                                                                                                       |     |                                                                                                                                                                                                                                 |                           |                         |
| For Each Additional Mile Over First 15 Miles, Add Per Mile                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                 | 2.07                      |                         |
| 02 87 19 00-0136                                                                                                                                                                                                                                                         | EA  | Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....                                                                                                                 | 170.86                    |                         |
| Note: Each first 15 miles per trip                                                                                                                                                                                                                                       |     |                                                                                                                                                                                                                                 |                           |                         |
| For Each Additional Mile Over First 15 Miles, Add Per Mile                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                 | 2.14                      |                         |



|                                 |  |       |
|---------------------------------|--|-------|
| Existing Conditions             |  | 02    |
| Facility Remediation            |  | 02 80 |
| Bio-Hazard Material Remediation |  | 02 87 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 87 19 00-0137 EA Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up .....<br>Note: Each first 15 miles per trip<br>For Each Additional Mile Over First 15 Miles, Add Per Mile                                                                                                     | 177.19<br>2.21            |                         |
| 02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal (02 87 19)<br>Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.                                                                                                           |                           |                         |
| 02 87 19 00-0139 CY Bio-Hazard And Infectious Disease Control Landfill Dump Fee.....                                                                                                                                                                                                                                                                    | 47.38                     |                         |
| 02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters (02 87 19)<br>Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.                                                                                                                     |                           |                         |
| 02 87 19 00-0141 EA 20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P) .....                                                                                                                                                                                                                                       | 45,047.14                 |                         |
| 02 87 19 00-0142 EA 7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....                                                                                                                                                                                                                                                                                   | 4,330.54                  |                         |
| 02 87 19 00-0143 EA Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....                                                                                                                                                                                                                                                                 | 7,165.29                  |                         |
| 02 87 19 00-0144 SF Sub Flooring For Medical Shelter (AKS-AB846).....                                                                                                                                                                                                                                                                                   | 6.66                      |                         |
| 02 87 19 00-0145 EA Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....                                                                                                                                                                                                                                                                          | 1,966.72                  |                         |
| 02 87 19 00-0146 EA Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....                                                                                                                                                                                                                                                                 | 32,212.43                 |                         |
| 02 87 19 00-0147 EA 3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....                                                                                                                                                                                                                                                                              | 1,122.79                  |                         |
| 02 87 19 00-0148 EA Negative Pressure Isolation (NPI) System (AK-NPIS-5).....<br>Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case                                                                    | 50,701.83                 |                         |
| 02 87 19 00-0149 EA 6' Step Ladder (AKS-AC595).....                                                                                                                                                                                                                                                                                                     | 304.30                    |                         |
| 02 87 19 00-0150 EA 10 Lbs Sledgehammer (AKS-AA268) .....                                                                                                                                                                                                                                                                                               | 93.16                     |                         |
| 02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks (02 87 19)<br>Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.                                                                                                    |                           |                         |
| 02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor (02 87 19 00-0151)<br>Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.                                                                                                      |                           |                         |
| 02 87 19 00-0153 HR General Laborer For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                                                                                                                                                                        | 115.92                    |                         |
| 02 87 19 00-0154 HR Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up.....                                                                                                                                                                                                                                                       | 128.68                    |                         |
| 02 87 19 00-0155 HR Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                                                                                                                                                                   | 102.85                    |                         |
| 02 87 19 00-0156 HR Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                                                                                                                                                                   | 123.67                    |                         |
| 02 87 19 00-0157 HR Project Manager For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                                                                                                                                                                        | 136.00                    |                         |
| 02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment (02 87 19 00-0151)<br>Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.                                                                             |                           |                         |
| 02 87 19 00-0159 EA Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....                                                                                                                                                                                                                                   | 15.19                     |                         |
| 02 87 19 00-0160 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                      | 23.65                     |                         |
| 02 87 19 00-0161 PR Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                                                | 15.33                     |                         |
| 02 87 19 00-0162 EA Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                                              | 125.72                    |                         |
| 02 87 19 00-0163 EA Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....                                                                                                                                                                                                                            | 53.06                     |                         |
| 02 87 19 00-0164 EA Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....<br>Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension                                                                                                                                                     | 383.55                    |                         |
| 02 87 19 00-0165 EA 14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                         | 52.43                     |                         |
| 02 87 19 00-0166 EA 19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....<br>Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010                                                                                    | 95.26                     |                         |
| 02 87 19 00-0167 BOX 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                                             | 27.53                     |                         |
| 02 87 19 00-0168 EA Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                                                                     | 23.51                     |                         |
| 02 87 19 00-0169 EA Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment .....                                                                                                                                                                 | 2,563.76                  |                         |
| Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afi), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly                             |                           |                         |
| 02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables (02 87 19 00-0151)<br>Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0039 for temporary walls. |                           |                         |
| 02 87 19 00-0171 GAL Bleach For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                                                                                                                                                | 11.84                     |                         |
| 02 87 19 00-0172 EA N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up .....                                                                                                                                                                                                                                                              | 4.22                      |                         |
| 02 87 19 00-0173 GAL Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Clean Up .....                                                                                                                                                                                                                                           | 116.03                    |                         |

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                                                  |     |                                                                                                         |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------|--------|
| 02 87 19 00-0174                                                                                                                                 | GAL | Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up ..... | 349.34 |
| Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days |     |                                                                                                         |        |
| 02 87 19 00-0175                                                                                                                                 | QT  | Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up .....                             | 11.70  |
| 02 87 19 00-0176                                                                                                                                 | EA  | Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up .....                              | 6.02   |
| 02 87 19 00-0177                                                                                                                                 | ROL | Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up .....                    | 15.10  |
| 02 87 19 00-0178                                                                                                                                 | EA  | UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up .....                    | 76.33  |
| 02 87 19 00-0179                                                                                                                                 | ROL | Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up .....                | 60.87  |
| 02 87 19 00-0180                                                                                                                                 | LB  | Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up .....               | 8.54   |
| 02 87 19 00-0181                                                                                                                                 | EA  | Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up .....                  | 18.80  |
| 02 87 19 00-0182                                                                                                                                 | ROL | 6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up .....       | 187.36 |

**02 89 Hazmat Ancillary Tasks and Support (02 89)**

|                                                         |                                                                                                                                      |                                                                                                                           |          |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------|
| 02 89 00 00-0001                                        | Barriers And Protection (02 89)<br>Note: Includes removal and disposal after use.                                                    |                                                                                                                           |          |
| 02 89 00 00-0002                                        | Isolation Barriers (02 89 00 00-0001)<br>See CSI section 01 56 16 00-0039 for temporary stud walls.                                  |                                                                                                                           |          |
| 02 89 00 00-0003                                        | Hazmat Containment Construction Plastic Sheetting (02 89 00 00-0001)                                                                 |                                                                                                                           |          |
| 02 89 00 00-0004                                        | SF                                                                                                                                   | 6 Mil Plastic Sheetting, Applied To Floors, Hazmat Containment Construction .....                                         | 0.52     |
| 02 89 00 00-0005                                        | SF                                                                                                                                   | 6 Mil Plastic Sheetting, Applied To Walls, Hazmat Containment Construction .....                                          | 0.68     |
| 02 89 00 00-0006                                        | SF                                                                                                                                   | 6 Mil Plastic Sheetting, Applied To Ceilings, Hazmat Containment Construction .....                                       | 0.91     |
| 02 89 00 00-0007                                        | SF                                                                                                                                   | 6 Mil Plastic Fire Retardant, Anti-static Sheetting, Applied To Floors, Hazmat Containment Construction .....             | 0.64     |
| 02 89 00 00-0008                                        | SF                                                                                                                                   | 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Walls, Hazmat Containment Construction .....    | 0.81     |
| 02 89 00 00-0009                                        | SF                                                                                                                                   | 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Ceilings, Hazmat Containment Construction ..... | 1.05     |
| 02 89 00 00-0010                                        | EA                                                                                                                                   | Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction .....                  | 142.38   |
| 02 89 00 00-0011                                        | EA                                                                                                                                   | >36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction .....                 | 276.97   |
| 02 89 00 00-0012                                        | EA                                                                                                                                   | >72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction .....                | 543.11   |
| 02 89 00 00-0013                                        | LF                                                                                                                                   | Caulk Seams With Latex, Hazmat Containment Construction .....                                                             | 4.76     |
| 02 89 00 00-0014                                        | SF                                                                                                                                   | 2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction .....                                         | 2.02     |
| 02 89 00 00-0015                                        | Cleaning Surfaces (02 89 00 00-0001)<br>Note: Other surfaces outside contamination area but not contaminated by, or part of removal. |                                                                                                                           |          |
| 02 89 00 00-0016                                        | SF                                                                                                                                   | Up To 100 SF, Clean Non-Asbestos Surface .....                                                                            | 2.12     |
| 02 89 00 00-0017                                        | SF                                                                                                                                   | >100 To 500 SF, Clean Non-Asbestos Surface .....                                                                          | 1.49     |
| 02 89 00 00-0018                                        | SF                                                                                                                                   | >500 To 1,000 SF, Clean Non-Asbestos Surface .....                                                                        | 0.97     |
| 02 89 00 00-0019                                        | SF                                                                                                                                   | >1,000 SF, Clean Non-Asbestos Surface .....                                                                               | 0.76     |
| 02 89 00 00-0020                                        | Decontamination Chambers (02 89)<br>Note: Includes removal after use.                                                                |                                                                                                                           |          |
| 02 89 00 00-0021                                        | EA                                                                                                                                   | 3 Stage Portable Personnel Decontamination Wash Facility .....                                                            | 978.43   |
| Note: Includes connection to negative air system.       |                                                                                                                                      |                                                                                                                           |          |
| 02 89 00 00-0022                                        | EA                                                                                                                                   | 5 Stage Portable Personnel Decontamination Wash Facility .....                                                            | 1,152.44 |
| Note: Includes connection to negative air system.       |                                                                                                                                      |                                                                                                                           |          |
| 02 89 00 00-0023                                        | EA                                                                                                                                   | Portable Waste Decontamination Unit .....                                                                                 | 590.89   |
| Note: Includes connection to negative air system.       |                                                                                                                                      |                                                                                                                           |          |
| For Dismantling And Relocation To A Different Area, Add |                                                                                                                                      |                                                                                                                           | 367.07   |

**02 90 Disaster Recovery (02)**

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

**02 90 50 Cleaning and Disaster Clean-up (02 90)**

|                       |                                                                                                                                                                                                                                                                             |                                                                         |       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------|
| 02 90 50 00-0001      | Non-Mold Contaminated Wet Material Removal (02 90 50)<br>Note: For materials not requiring mold abatement.                                                                                                                                                                  |                                                                         |       |
| 02 90 50 00-0002      | SY                                                                                                                                                                                                                                                                          | Wet Broadloom Carpet Removal For Disaster Clean-up .....                | 28.59 |
| 02 90 50 00-0003      | SY                                                                                                                                                                                                                                                                          | Wet Carpet Tile Removal For Disaster Clean-up .....                     | 6.96  |
| 02 90 50 00-0004      | SF                                                                                                                                                                                                                                                                          | Wet Batt Insulation Removal For Disaster Clean-up .....                 | 0.58  |
| 02 90 50 00-0005      | SF                                                                                                                                                                                                                                                                          | Wet Ceiling Tile Removal For Disaster Clean-up .....                    | 0.70  |
| 02 90 50 00-0006      | SF                                                                                                                                                                                                                                                                          | Single Layer, Wet Gypsum Board Removal For Disaster Clean-up .....      | 0.68  |
| 02 90 50 00-0007      | SF                                                                                                                                                                                                                                                                          | Double Layer, Wet Gypsum Board Removal For Disaster Clean-up .....      | 1.06  |
| 02 90 50 00-0008      | Cleaning (02 90 50)<br>Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required |                                                                         |       |
| 02 90 50 00-0009      | Clean Furnishings (02 90 50 00-0008)                                                                                                                                                                                                                                        |                                                                         |       |
| 02 90 50 00-0010      | EA                                                                                                                                                                                                                                                                          | Office Equipment, Exterior Wipe For Disaster Clean-up .....             | 28.20 |
| For Medium Clean, Add |                                                                                                                                                                                                                                                                             |                                                                         | 11.84 |
| For Heavy Clean, Add  |                                                                                                                                                                                                                                                                             |                                                                         | 36.66 |
| 02 90 50 00-0011      | SF                                                                                                                                                                                                                                                                          | Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up ..... | 1.57  |
| For Medium Clean, Add |                                                                                                                                                                                                                                                                             |                                                                         | 0.66  |
| For Heavy Clean, Add  |                                                                                                                                                                                                                                                                             |                                                                         | 2.04  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------|------------------------|----------------------|
| 02 90 50 00-0012 | LF  |     | Shelving, Light Clean For Disaster Clean-up .....                                 | 2.82                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 1.18                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 3.67                   |                      |
| 02 90 50 00-0013 | EA  |     | Plastic Or Metal Chair, Light Clean For Disaster Clean-up .....                   | 8.14                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 3.42                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 10.58                  |                      |
| 02 90 50 00-0014 | EA  |     | Upholstered Chair, Light Clean For Disaster Clean-up .....                        | 26.32                  |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 17.05                  |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 34.22                  |                      |
| 02 90 50 00-0015 | EA  |     | Upholstered Sofa, Light Clean For Disaster Clean-up .....                         | 162.31                 |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 68.17                  |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 211.00                 |                      |
| 02 90 50 00-0016 | EA  |     | Desk, Light Clean For Disaster Clean-up .....                                     | 33.21                  |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 13.95                  |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 43.17                  |                      |
| 02 90 50 00-0017 | EA  |     | Table, Light Clean For Disaster Clean-up .....                                    | 31.33                  |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 13.16                  |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 40.73                  |                      |
| 02 90 50 00-0018 | EA  |     | Two Drawer File Cabinet, Light Clean For Disaster Clean-up .....                  | 6.87                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 2.89                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 8.93                   |                      |
| 02 90 50 00-0019 | EA  |     | Four Drawer File Cabinet, Light Clean For Disaster Clean-up .....                 | 8.79                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 3.69                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 11.43                  |                      |
| 02 90 50 00-0020 | LF  |     | Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up .....              | 7.21                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 3.03                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 9.37                   |                      |
| 02 90 50 00-0021 | LF  |     | Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up ..... | 14.10                  |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 5.92                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 18.33                  |                      |
| 02 90 50 00-0022 | LF  |     | Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up .....              | 7.21                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 3.03                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 9.37                   |                      |
| 02 90 50 00-0023 | LF  |     | Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up ..... | 12.53                  |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 5.26                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 16.29                  |                      |
| 02 90 50 00-0024 | EA  |     | Picture Frame, Glass And Back, Light Clean For Disaster Clean-up .....            | 3.01                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 1.26                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 3.91                   |                      |
| 02 90 50 00-0025 |     |     | Clean Hard Surfaces (02 90 50 00-0008)                                            |                        |                      |
| 02 90 50 00-0026 | LF  |     | Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up .....          | 0.41                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.17                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.53                   |                      |
| 02 90 50 00-0027 | EA  |     | Door And Hardware (Per Side), Light Clean For Disaster Clean-up .....             | 5.33                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 2.24                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 6.93                   |                      |
| 02 90 50 00-0028 | EA  |     | Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up .....    | 6.04                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 2.54                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 7.85                   |                      |
| 02 90 50 00-0029 | SF  |     | Overhead Door, Light Clean For Disaster Clean-up .....                            | 0.42                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.18                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.55                   |                      |
| 02 90 50 00-0030 | SF  |     | Mirror, Light Clean For Disaster Clean-up .....                                   | 0.32                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.13                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.42                   |                      |
| 02 90 50 00-0031 | SF  |     | Window, Light Clean For Disaster Clean-up .....                                   | 0.92                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.39                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 1.20                   |                      |
| 02 90 50 00-0032 | LF  |     | Handrail, Light Clean For Disaster Clean-up .....                                 | 0.82                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.34                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 1.07                   |                      |
| 02 90 50 00-0033 | LF  |     | Bumper Rail, Light Clean For Disaster Clean-up .....                              | 0.44                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.18                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.57                   |                      |
| 02 90 50 00-0034 | SF  |     | Hard Floor, Light Clean For Disaster Clean-up .....                               | 0.36                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.15                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.47                   |                      |
| 02 90 50 00-0035 | SF  |     | Carpet, Light Clean For Disaster Clean-up .....                                   | 0.38                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.16                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.49                   |                      |
| 02 90 50 00-0036 | SF  |     | Hard Ceiling, Light Clean For Disaster Clean-up .....                             | 0.29                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.12                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.38                   |                      |
| 02 90 50 00-0037 | SF  |     | Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up .....         | 0.32                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.13                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.42                   |                      |
| 02 90 50 00-0038 | SF  |     | Ceramic Tile Wall, Light Clean For Disaster Clean-up .....                        | 0.26                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.11                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.34                   |                      |
| 02 90 50 00-0039 | SF  |     | Wall, Light Clean For Disaster Clean-up .....                                     | 0.19                   |                      |
|                  |     |     | For Medium Clean, Add .....                                                       | 0.08                   |                      |
|                  |     |     | For Heavy Clean, Add .....                                                        | 0.25                   |                      |

**02 Existing Conditions****02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

| MINOR<br>CSI                                                       | UOM | DESCRIPTION                                                                                                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 90 50 00-0040                                                   | SF  | Masonry Wall, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                         | 0.26<br>0.11<br>0.34      |                         |
| 02 90 50 00-0041                                                   | EA  | Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....<br>Note: Includes removal from site, cleaning, and return.<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>   | 66.09<br>27.76<br>85.92   |                         |
| 02 90 50 00-0042                                                   | EA  | >24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....<br>Note: Includes removal from site, cleaning, and return.<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>  | 82.61<br>34.70<br>107.39  |                         |
| 02 90 50 00-0043                                                   | EA  | >96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....<br>Note: Includes removal from site, cleaning, and return.<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i> | 99.13<br>41.63<br>128.87  |                         |
| 02 90 50 00-0044                                                   | EA  | >140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                           | 115.66<br>48.58<br>150.36 |                         |
| <b>02 90 50 00-0045 Clean Window Treatments (02 90 50 00-0008)</b> |     |                                                                                                                                                                                                             |                           |                         |
| 02 90 50 00-0046                                                   | SF  | Window Blind, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                         | 0.72<br>0.30<br>0.94      |                         |
| 02 90 50 00-0047                                                   | EA  | Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                    | 1.47<br>0.62<br>1.91      |                         |
| 02 90 50 00-0048                                                   | EA  | Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                              | 1.69<br>0.71<br>2.20      |                         |
| 02 90 50 00-0049                                                   | EA  | >6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                        | 1.54<br>0.65<br>2.00      |                         |
| 02 90 50 00-0050                                                   | EA  | >6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                  | 1.77<br>0.74<br>2.30      |                         |
| 02 90 50 00-0051                                                   | EA  | >8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                       | 1.89<br>0.79<br>2.46      |                         |
| 02 90 50 00-0052                                                   | EA  | >8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                 | 2.17<br>0.91<br>2.82      |                         |
| <b>02 90 50 00-0053 Clean Appliances (02 90 50 00-0008)</b>        |     |                                                                                                                                                                                                             |                           |                         |
| 02 90 50 00-0054                                                   | EA  | Microwave Oven, Outside, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                              | 12.98<br>5.45<br>16.87    |                         |
| 02 90 50 00-0055                                                   | EA  | Refrigerator, Outside, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                | 30.59<br>12.85<br>39.77   |                         |
| 02 90 50 00-0056                                                   | EA  | Range, Outside, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                       | 26.44<br>11.10<br>34.37   |                         |
| <b>02 90 50 00-0057 Clean Plumbing (02 90 50 00-0008)</b>          |     |                                                                                                                                                                                                             |                           |                         |
| 02 90 50 00-0058                                                   | EA  | Water Heater, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                         | 18.80<br>7.90<br>24.44    |                         |
| 02 90 50 00-0059                                                   | EA  | Plumbing Fixture, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                     | 18.99<br>7.98<br>24.69    |                         |
| 02 90 50 00-0060                                                   | EA  | Restroom Accessory, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                   | 8.71<br>3.66<br>11.32     |                         |
| <b>02 90 50 00-0061 Clean HVAC (02 90 50 00-0008)</b>              |     |                                                                                                                                                                                                             |                           |                         |
| 02 90 50 00-0062                                                   | LF  | Baseboard Heater, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                     | 5.62<br>2.36<br>7.31      |                         |
| 02 90 50 00-0063                                                   | LF  | Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                              | 15.67<br>6.58<br>20.37    |                         |
| 02 90 50 00-0064                                                   | EA  | Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                             | 60.16<br>25.27<br>78.21   |                         |
| 02 90 50 00-0065                                                   | EA  | Grille/Register, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                                      | 5.64<br>2.37<br>7.33      |                         |
| 02 90 50 00-0066                                                   | EA  | Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up.....<br><i>For Medium Clean, Add</i><br><i>For Heavy Clean, Add</i>                                                                     | 39.06<br>16.41<br>50.78   |                         |



|                                |  |  |          |
|--------------------------------|--|--|----------|
| Existing Conditions            |  |  | 02       |
| Disaster Recovery              |  |  | 02 90    |
| Cleaning and Disaster Clean-up |  |  | 02 90 50 |

| MINOR                                                | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------|------------------------|----------------------|
| 02 90 50 00-0067                                     | EA  |     | Furnace, Exterior Wipe, Light Clean For Disaster Clean-up .....                        | 34.78                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 14.61                  |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 45.21                  |                      |
| 02 90 50 00-0068 Clean Electrical (02 90 50 00-0008) |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0069                                     | EA  |     | Electric Fan, Light Clean For Disaster Clean-up .....                                  | 23.19                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 9.74                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 30.15                  |                      |
| 02 90 50 00-0070                                     | EA  |     | Ceiling Fan, Light Clean For Disaster Clean-up .....                                   | 25.07                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 10.53                  |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 32.59                  |                      |
| 02 90 50 00-0071                                     | EA  |     | Ceiling Fan And Light, Light Clean For Disaster Clean-up .....                         | 32.59                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 13.69                  |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 42.37                  |                      |
| 02 90 50 00-0072                                     | EA  |     | Ceiling Exhaust Fan, Light Clean For Disaster Clean-up .....                           | 22.87                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 9.61                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 29.73                  |                      |
| 02 90 50 00-0073                                     | EA  |     | 2' x 4' Light Fixture, Light Clean For Disaster Clean-up .....                         | 15.05                  |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 6.32                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 19.57                  |                      |
| 02 90 50 00-0074                                     | EA  |     | Light Fixture, Light Clean For Disaster Clean-up .....                                 | 6.89                   |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 2.89                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 8.96                   |                      |
| 02 90 50 00-0075                                     | EA  |     | Smoke Detector, Light Clean For Disaster Clean-up .....                                | 5.33                   |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 2.24                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 6.93                   |                      |
| 02 90 50 00-0076                                     | EA  |     | Thermostat, Light Clean For Disaster Clean-up .....                                    | 1.88                   |                      |
|                                                      |     |     | For Medium Clean, Add                                                                  | 0.79                   |                      |
|                                                      |     |     | For Heavy Clean, Add                                                                   | 2.44                   |                      |
| 02 90 50 00-0077 Thermal Fog (02 90 50 00-0008)      |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0078                                     | CF  |     | Clean And Deodorize Building With Thermal Fog For Disaster Clean-up .....              | 0.02                   |                      |
| 02 90 50 00-0079 Contents Manipulation (02 90 50)    |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0080                                     | SF  |     | Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up .....                 | 0.24                   |                      |
| 02 90 50 00-0081                                     | SF  |     | Floor Protection, Adhesive Film For Disaster Clean-up .....                            | 0.29                   |                      |
| 02 90 50 00-0082                                     | SF  |     | Move Contents Out And Later Reset For Disaster Clean-up .....                          | 0.50                   |                      |
| 02 90 50 00-0083                                     | MO  |     | 20' Long Job Site Storage Trailer For Disaster Clean-up .....                          | 193.09                 |                      |
| 02 90 50 00-0084                                     | MO  |     | 40' Long Job Site Storage Trailer For Disaster Clean-up .....                          | 256.07                 |                      |
| 02 90 50 00-0085                                     | EA  |     | Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up .....                | 145.76                 |                      |
| 02 90 50 00-0086 Water Disaster Clean-up (02 90 50)  |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0087                                     | LF  |     | Detach Baseboard For Disaster Clean-up .....                                           | 0.67                   |                      |
| 02 90 50 00-0088                                     | LF  |     | Detach And Later Reset Baseboard For Disaster Clean-up .....                           | 1.20                   |                      |
| 02 90 50 00-0089                                     | EA  |     | Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up .....           | 4.44                   |                      |
| 02 90 50 00-0090                                     | SF  |     | Water Extraction From Floor For Disaster Clean-up .....                                | 0.46                   |                      |
| 02 90 50 00-0091                                     | SF  |     | Gray Water Extraction From Floor For Disaster Clean-up .....                           | 0.75                   |                      |
| 02 90 50 00-0092                                     | SF  |     | Black Water Extraction From Floor For Disaster Clean-up .....                          | 1.18                   |                      |
| 02 90 50 00-0093                                     | SF  |     | Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up .....                        | 0.37                   |                      |
| 02 90 50 00-0094                                     | SF  |     | Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up .....           | 0.44                   |                      |
| 02 90 50 00-0095                                     | SF  |     | Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up .....              | 0.66                   |                      |
| 02 90 50 00-0096                                     | SF  |     | Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up ..... | 0.96                   |                      |
| 02 90 50 00-0097                                     | SF  |     | Tear Out Vinyl Flooring For Disaster Clean-up .....                                    | 0.91                   |                      |
| 02 90 50 00-0098                                     | SF  |     | Tear Out Vinyl Flooring, Black Water For Disaster Clean-up .....                       | 1.33                   |                      |
| 02 90 50 00-0099                                     | SF  |     | Tear Out Wood Flooring, Black Water For Disaster Clean-up .....                        | 3.45                   |                      |
| 02 90 50 00-0100                                     | SF  |     | Tear Out Laminated Wood Flooring For Disaster Clean-up .....                           | 1.69                   |                      |
| 02 90 50 00-0101                                     | SF  |     | Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up .....              | 2.48                   |                      |
| 02 90 50 00-0102                                     | SF  |     | Tear Out Wet Ceiling Tile For Disaster Clean-up .....                                  | 0.28                   |                      |
| 02 90 50 00-0103                                     | SF  |     | Tear Out Batt Insulation For Disaster Clean-up .....                                   | 0.28                   |                      |
| 02 90 50 00-0104                                     | SF  |     | Tear Out Wet Gypsum Board For Disaster Clean-up .....                                  | 0.48                   |                      |
| 02 90 50 00-0105                                     | SF  |     | Apply Anti-microbial Agent For Disaster Clean-up .....                                 | 0.28                   |                      |
| 02 90 50 00-0106                                     | SF  |     | High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up .....           | 0.36                   |                      |
| 02 90 50 00-0107 Board Up And Tarp Up (02 90 50)     |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0108                                     | SF  |     | Polyethylene Tarp On Roof For Disaster Clean-up .....                                  | 0.28                   |                      |
| 02 90 50 00-0109                                     | SF  |     | 1/2" Temporary Plywood On Roof For Disaster Clean-up .....                             | 1.61                   |                      |
| 02 90 50 00-0110                                     | SF  |     | 5/8" Temporary Plywood On Roof For Disaster Clean-up .....                             | 1.85                   |                      |
| 02 90 50 00-0111                                     | SF  |     | 3/4" Temporary Plywood On Roof For Disaster Clean-up .....                             | 2.02                   |                      |
| 02 90 50 00-0112                                     | SF  |     | 1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up .....                  | 1.98                   |                      |
| 02 90 50 00-0113                                     | SF  |     | 5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up .....                  | 2.22                   |                      |
| 02 90 50 00-0114                                     | SF  |     | 3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up .....                  | 2.39                   |                      |
| 02 90 50 00-0115 Minimum Charges (02 90 50)          |     |     |                                                                                        |                        |                      |
| 02 90 50 00-0116                                     | EA  |     | Disaster Cleaning Minimum Charge .....                                                 | 1,405.43               |                      |
| 02 90 50 00-0117                                     | EA  |     | Disaster Water Extraction Minimum Charge .....                                         | 291.42                 |                      |

**02 Existing Conditions****02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 90 50 00-0118 EA Disaster Carpet Cleaning Minimum Charge.....248.62

**02 90 50 00-0119 Document Restoration (02 90 50)**

|                  |    |                                                                                        |          |
|------------------|----|----------------------------------------------------------------------------------------|----------|
| 02 90 50 00-0120 | EA | Book Rebinding, Each For Document Restoration .....                                    | 128.39   |
| 02 90 50 00-0121 | EA | Book Recasing, Each For Document Restoration.....                                      | 64.18    |
| 02 90 50 00-0122 | EA | Boxes-MCS, 1.2 CF For Document Restoration .....                                       | 9.14     |
| 02 90 50 00-0123 | EA | Boxes-MCS, 2.0 CF For Document Restoration .....                                       | 10.08    |
| 02 90 50 00-0124 | EA | Boxes Bankers For Document Restoration.....                                            | 20.51    |
| 02 90 50 00-0125 | EA | Boxes Standard Packout For Document Restoration .....                                  | 5.85     |
| 02 90 50 00-0126 | EA | Boxes X Ray For Document Restoration .....                                             | 12.85    |
| 02 90 50 00-0127 | EA | CD Scanning and Diagnostics, Each For Document Restoration .....                       | 12.85    |
| 02 90 50 00-0128 | EA | Cleaning Antique Books, Each For Document Restoration.....                             | 385.15   |
| 02 90 50 00-0129 | EA | Cleaning Catheter Roll, Per Roll For Document Restoration .....                        | 51.34    |
| 02 90 50 00-0130 | EA | Cleaning CD And DVD, Per Disc For Document Restoration .....                           | 5.16     |
| 02 90 50 00-0131 | EA | Cleaning Level 1 - Blue Prints, Each For Document Restoration .....                    | 4.08     |
| 02 90 50 00-0132 | CF | Cleaning Level 1 - Document Per CF For Document Restoration .....                      | 126.57   |
| 02 90 50 00-0133 | EA | Cleaning Level 1 - Linen, Each For Document Restoration .....                          | 4.08     |
| 02 90 50 00-0134 | EA | Cleaning Level 1 - Mylar, Each For Document Restoration .....                          | 4.08     |
| 02 90 50 00-0135 | EA | Cleaning Level 2 - Blue Print, Each For Document Restoration .....                     | 5.08     |
| 02 90 50 00-0136 | CF | Cleaning Level 2 - Document Per CF For Document Restoration .....                      | 189.68   |
| 02 90 50 00-0137 | EA | Cleaning Level 2 - Linen, Each For Document Restoration .....                          | 5.08     |
| 02 90 50 00-0138 | EA | Cleaning Level 2 - Mylar, Each For Document Restoration .....                          | 5.08     |
| 02 90 50 00-0139 | EA | Cleaning Level 3 - Blue Prints, Each For Document Restoration .....                    | 7.20     |
| 02 90 50 00-0140 | CF | Cleaning Level 3 - Document Per CF For Document Restoration .....                      | 253.10   |
| 02 90 50 00-0141 | EA | Cleaning Level 3 - Linen, Each For Document Restoration .....                          | 7.20     |
| 02 90 50 00-0142 | EA | Cleaning Level 3 - Mylar, Each For Document Restoration .....                          | 7.20     |
| 02 90 50 00-0143 | EA | Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration .....            | 10.09    |
| 02 90 50 00-0144 | EA | Cleaning Level 4 - All Fire-Linen, Each For Document Restoration .....                 | 10.09    |
| 02 90 50 00-0145 | EA | Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration .....                 | 10.09    |
| 02 90 50 00-0146 | CF | Cleaning Level 4 - Light Fire-Documnet Per CF For Document Restoration .....           | 316.31   |
| 02 90 50 00-0147 | EA | Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration .....         | 11.18    |
| 02 90 50 00-0148 | CF | Cleaning Level 5 - Severe Fire-Documnet Per CF For Document Restoration .....          | 474.61   |
| 02 90 50 00-0149 | EA | Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration .....              | 11.18    |
| 02 90 50 00-0150 | EA | Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration .....              | 11.18    |
| 02 90 50 00-0151 | EA | Cleaning Microfiche Sheets, Each For Document Restoration .....                        | 3.97     |
| 02 90 50 00-0152 | EA | Cleaning Microfiche Strips, Each For Document Restoration .....                        | 0.92     |
| 02 90 50 00-0153 | EA | Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration .....           | 128.39   |
| 02 90 50 00-0154 | EA | Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration .....            | 179.75   |
| 02 90 50 00-0155 | EA | Cleaning Photographs Negatives, Per Negative For Document Restoration .....            | 3.97     |
| 02 90 50 00-0156 | EA | Cleaning Photographs, Each For Document Restoration .....                              | 0.92     |
| 02 90 50 00-0157 | EA | Cleaning Record Albums, Each For Document Restoration .....                            | 5.16     |
| 02 90 50 00-0158 | EA | Cleaning VHS And Beta Tapes-In House, Each For Document Restoration .....              | 12.85    |
| 02 90 50 00-0159 | EA | Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration .....               | 51.34    |
| 02 90 50 00-0160 | EA | Cleaning X Ray 1-1000, Per Film For Document Restoration.....                          | 5.41     |
| 02 90 50 00-0161 | EA | Cleaning X Ray 1K-5K, Per Film For Document Restoration.....                           | 4.62     |
| 02 90 50 00-0162 | EA | Cleaning X Ray 5K-Up, Per Film For Document Restoration.....                           | 3.63     |
| 02 90 50 00-0163 | EA | Copying Clean Water, Per Page For Document Restoration .....                           | 0.53     |
| 02 90 50 00-0164 | EA | Copying Greywater Fire, Per Page For Document Restoration .....                        | 1.39     |
| 02 90 50 00-0165 | CF | Deodorization, Vapor Tech For Document Restoration .....                               | 9.28     |
| 02 90 50 00-0166 | CF | Disinfectant-Fogging For Document Restoration .....                                    | 18.00    |
| 02 90 50 00-0167 | EA | Document Disposal In House No Shredding For Document Restoration .....                 | 72.11    |
| 02 90 50 00-0168 | EA | Document Disposal In House With Shredding For Document Restoration .....               | 19.68    |
| 02 90 50 00-0169 | CF | Up To 150 CF, Drying-MCS Center For Document Restoration .....                         | 231.09   |
| 02 90 50 00-0170 | CF | >150 To 500 CF, Drying-MCS Center For Document Restoration .....                       | 179.75   |
| 02 90 50 00-0171 | CF | >500 CF, Drying-MCS Center For Document Restoration .....                              | 154.06   |
| 02 90 50 00-0172 | CF | >50 To 150 CF, Drying-MCS Center For Document Restoration .....                        | 205.42   |
| 02 90 50 00-0173 | CF | Up To 500 CF, Drying-Onsite For Document Restoration .....                             | 385.15   |
| 02 90 50 00-0174 | CF | >500 CF, Drying-Onsite For Document Restoration .....                                  | 236.27   |
| 02 90 50 00-0175 | EA | Drying Antique Books, Each For Document Restoration .....                              | 51.34    |
| 02 90 50 00-0176 | EA | Drying Blue Prints, Each For Document Restoration .....                                | 6.42     |
| 02 90 50 00-0177 | EA | DVD Scanning And Diagnostics, Each For Document Restoration .....                      | 12.85    |
| 02 90 50 00-0178 | EA | Freeze Drying (In House) For Document Restoration.....                                 | 131.61   |
| 02 90 50 00-0179 | EA | Freeze Drying (Outside) For Document Restoration.....                                  | 112.81   |
| 02 90 50 00-0180 | EA | Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration .....       | 3,102.16 |
| 02 90 50 00-0181 | CF | >48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration .....             | 28.20    |
| 02 90 50 00-0182 | EA | Minimal Drying Jobs For Document Restoration.....                                      | 1,306.67 |
| 02 90 50 00-0183 | EA | Monthly Storage For Document Restoration .....                                         | 235.01   |
| 02 90 50 00-0184 | EA | Mylar Prints For Document Restoration .....                                            | 12.85    |
| 02 90 50 00-0185 | CF | Ozoning For Document Restoration .....                                                 | 8.34     |
| 02 90 50 00-0186 | CF | Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration ..... | 11.36    |
| 02 90 50 00-0187 | MO | Stabilization Freezer Storage, Per Page-Per Month For Document Restoration .....       | 0.12     |
| 02 90 50 00-0188 | EA | Wood Pallets, Each For Document Restoration.....                                       | 31.57    |

**02 90 55 Emergency Clean-up (02 90)****02 90 55 00-0001 Emergency Clean-up (02 90 55)**

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.





| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                       |                                                                                          | TOTAL DIRECT<br>UNIT COST                               | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------|
| 02 90 55 00-0002                                                                                                                                                                                                                                                                                                   |                                                                                          | Emergency Clean-up Labor (02 90 55 00-0001)             |                         |
| Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections. |                                                                                          |                                                         |                         |
| 02 90 55 00-0003                                                                                                                                                                                                                                                                                                   | HR Skilled Tradesman For Emergency Clean Up.....                                         | 61.68                                                   |                         |
| 02 90 55 00-0004                                                                                                                                                                                                                                                                                                   | HR Restoration / Document Laborer For Emergency Clean Up .....                           | 43.18                                                   |                         |
| 02 90 55 00-0005                                                                                                                                                                                                                                                                                                   | HR Restoration / Document Supervisor For Emergency Clean Up.....                         | 59.37                                                   |                         |
| 02 90 55 00-0006                                                                                                                                                                                                                                                                                                   | HR Restoration / Document Project Manager For Emergency Clean Up.....                    | 97.15                                                   |                         |
| 02 90 55 00-0007                                                                                                                                                                                                                                                                                                   | HR Assistant Project Manager For Emergency Clean Up.....                                 | 80.96                                                   |                         |
| 02 90 55 00-0008                                                                                                                                                                                                                                                                                                   | HR Senior Project Manager For Emergency Clean Up.....                                    | 113.34                                                  |                         |
| 02 90 55 00-0009                                                                                                                                                                                                                                                                                                   | HR Project Director / Document Consultant / Account Manager For Emergency Clean Up ..... | 161.91                                                  |                         |
| 02 90 55 00-0010                                                                                                                                                                                                                                                                                                   | HR Equipment Technician For Emergency Clean Up.....                                      | 118.73                                                  |                         |
| 02 90 55 00-0011                                                                                                                                                                                                                                                                                                   | HR Mold Remediation Laborer For Emergency Clean Up .....                                 | 59.11                                                   |                         |
| 02 90 55 00-0012                                                                                                                                                                                                                                                                                                   | HR Mold Remediation Supervisor For Emergency Clean Up .....                              | 80.96                                                   |                         |
| 02 90 55 00-0013                                                                                                                                                                                                                                                                                                   | HR Administrative Personnel For Emergency Clean Up .....                                 | 37.78                                                   |                         |
| 02 90 55 00-0014                                                                                                                                                                                                                                                                                                   | HR Project Accountant For Emergency Clean Up .....                                       | 61.68                                                   |                         |
| 02 90 55 00-0015                                                                                                                                                                                                                                                                                                   | HR Biohazard Technician For Emergency Clean Up .....                                     | 85.71                                                   |                         |
| 02 90 55 00-0016                                                                                                                                                                                                                                                                                                   | HR Biohazard Supervisor For Emergency Clean Up .....                                     | 103.06                                                  |                         |
| 02 90 55 00-0017                                                                                                                                                                                                                                                                                                   | HR Health And Safety Officer For Emergency Clean Up.....                                 | 92.52                                                   |                         |
| 02 90 55 00-0018                                                                                                                                                                                                                                                                                                   | HR Resource And Logistics Coordinator For Emergency Clean Up .....                       | 66.82                                                   |                         |
| 02 90 55 00-0019                                                                                                                                                                                                                                                                                                   | HR Loss Control Specialist For Emergency Clean Up.....                                   | 64.76                                                   |                         |
| 02 90 55 00-0020                                                                                                                                                                                                                                                                                                   | HR Moisture Control Specialist For Emergency Clean Up .....                              | 53.46                                                   |                         |
| 02 90 55 00-0021                                                                                                                                                                                                                                                                                                   | HR Mobilization Support For Emergency Clean Up.....                                      | 32.90                                                   |                         |
| 02 90 55 00-0022                                                                                                                                                                                                                                                                                                   |                                                                                          | Emergency Clean-up Equipment (02 90 55 00-0001)         |                         |
| Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.                                                                                                                                     |                                                                                          |                                                         |                         |
| 02 90 55 00-0023                                                                                                                                                                                                                                                                                                   |                                                                                          | General Emergency Clean-up Equipment (02 90 55 00-0022) |                         |
| 02 90 55 00-0024                                                                                                                                                                                                                                                                                                   | DAY 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....             | 107.35                                                  |                         |
| 02 90 55 00-0025                                                                                                                                                                                                                                                                                                   | WK 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....              | 409.53                                                  |                         |
| 02 90 55 00-0026                                                                                                                                                                                                                                                                                                   | MO 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....              | 1,121.23                                                |                         |
| 02 90 55 00-0027                                                                                                                                                                                                                                                                                                   | DAY 13" Floor Buffer Rental For Emergency Clean-up .....                                 | 55.06                                                   |                         |
| 02 90 55 00-0028                                                                                                                                                                                                                                                                                                   | WK 13" Floor Buffer Rental For Emergency Clean-up .....                                  | 147.10                                                  |                         |
| 02 90 55 00-0029                                                                                                                                                                                                                                                                                                   | MO 13" Floor Buffer Rental For Emergency Clean-up .....                                  | 406.07                                                  |                         |
| 02 90 55 00-0030                                                                                                                                                                                                                                                                                                   | DAY 17" Floor Buffer Rental For Emergency Clean-up .....                                 | 101.52                                                  |                         |
| 02 90 55 00-0031                                                                                                                                                                                                                                                                                                   | WK 17" Floor Buffer Rental For Emergency Clean-up .....                                  | 258.98                                                  |                         |
| 02 90 55 00-0032                                                                                                                                                                                                                                                                                                   | MO 17" Floor Buffer Rental For Emergency Clean-up .....                                  | 611.18                                                  |                         |
| 02 90 55 00-0033                                                                                                                                                                                                                                                                                                   | DAY Walk Behind Floor Scrubber Rental For Emergency Clean-up.....                        | 559.39                                                  |                         |
| 02 90 55 00-0034                                                                                                                                                                                                                                                                                                   | WK Walk Behind Floor Scrubber Rental For Emergency Clean-up.....                         | 1,502.06                                                |                         |
| 02 90 55 00-0035                                                                                                                                                                                                                                                                                                   | MO Walk Behind Floor Scrubber Rental For Emergency Clean-up.....                         | 4,185.04                                                |                         |
| 02 90 55 00-0036                                                                                                                                                                                                                                                                                                   | DAY Ride-On Floor Scrubber Rental For Emergency Clean-up .....                           | 1,263.80                                                |                         |
| 02 90 55 00-0037                                                                                                                                                                                                                                                                                                   | WK Ride-On Floor Scrubber Rental For Emergency Clean-up .....                            | 3,335.60                                                |                         |
| 02 90 55 00-0038                                                                                                                                                                                                                                                                                                   | MO Ride-On Floor Scrubber Rental For Emergency Clean-up .....                            | 8,991.61                                                |                         |
| 02 90 55 00-0039                                                                                                                                                                                                                                                                                                   | DAY 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....             | 91.16                                                   |                         |
| 02 90 55 00-0040                                                                                                                                                                                                                                                                                                   | WK 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....             | 258.98                                                  |                         |
| 02 90 55 00-0041                                                                                                                                                                                                                                                                                                   | MO 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....             | 890.87                                                  |                         |
| 02 90 55 00-0042                                                                                                                                                                                                                                                                                                   | DAY 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....            | 84.94                                                   |                         |
| 02 90 55 00-0043                                                                                                                                                                                                                                                                                                   | WK 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....             | 227.90                                                  |                         |
| 02 90 55 00-0044                                                                                                                                                                                                                                                                                                   | MO 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....             | 590.46                                                  |                         |
| 02 90 55 00-0045                                                                                                                                                                                                                                                                                                   | DAY 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....     | 135.91                                                  |                         |
| 02 90 55 00-0046                                                                                                                                                                                                                                                                                                   | WK 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....      | 387.84                                                  |                         |
| 02 90 55 00-0047                                                                                                                                                                                                                                                                                                   | MO 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up .....      | 1,083.97                                                |                         |
| 02 90 55 00-0048                                                                                                                                                                                                                                                                                                   | DAY Truck Mounted Extractor Rental For Emergency Clean-up .....                          | 965.45                                                  |                         |
| 02 90 55 00-0049                                                                                                                                                                                                                                                                                                   | WK Truck Mounted Extractor Rental For Emergency Clean-up .....                           | 2,896.34                                                |                         |
| 02 90 55 00-0050                                                                                                                                                                                                                                                                                                   | MO Truck Mounted Extractor Rental For Emergency Clean-up .....                           | 8,689.03                                                |                         |
| 02 90 55 00-0051                                                                                                                                                                                                                                                                                                   | DAY 16" Chain Saw Rental For Emergency Clean-up.....                                     | 99.45                                                   |                         |
| 02 90 55 00-0052                                                                                                                                                                                                                                                                                                   | WK 16" Chain Saw Rental For Emergency Clean-up.....                                      | 223.75                                                  |                         |
| 02 90 55 00-0053                                                                                                                                                                                                                                                                                                   | MO 16" Chain Saw Rental For Emergency Clean-up.....                                      | 596.68                                                  |                         |
| 02 90 55 00-0054                                                                                                                                                                                                                                                                                                   | DAY 20" Chain Saw Rental For Emergency Clean-up.....                                     | 124.31                                                  |                         |
| 02 90 55 00-0055                                                                                                                                                                                                                                                                                                   | WK 20" Chain Saw Rental For Emergency Clean-up.....                                      | 279.69                                                  |                         |
| 02 90 55 00-0056                                                                                                                                                                                                                                                                                                   | MO 20" Chain Saw Rental For Emergency Clean-up.....                                      | 745.85                                                  |                         |
| 02 90 55 00-0057                                                                                                                                                                                                                                                                                                   | EA Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....                   | 93.23                                                   |                         |
| 02 90 55 00-0058                                                                                                                                                                                                                                                                                                   | DAY 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....                   | 132.60                                                  |                         |
| 02 90 55 00-0059                                                                                                                                                                                                                                                                                                   | WK 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....                    | 362.56                                                  |                         |
| 02 90 55 00-0060                                                                                                                                                                                                                                                                                                   | MO 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....                    | 1,015.18                                                |                         |
| 02 90 55 00-0061                                                                                                                                                                                                                                                                                                   | DAY 12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up .....                  | 161.60                                                  |                         |
| 02 90 55 00-0062                                                                                                                                                                                                                                                                                                   | WK 12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up .....                   | 549.03                                                  |                         |
| 02 90 55 00-0063                                                                                                                                                                                                                                                                                                   | MO 12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up .....                   | 1,046.26                                                |                         |
| 02 90 55 00-0064                                                                                                                                                                                                                                                                                                   | DAY Wet Or Dry Portable Cleaning Unit For Emergency Clean-up .....                       | 155.99                                                  |                         |
| 02 90 55 00-0065                                                                                                                                                                                                                                                                                                   | WK Wet Or Dry Portable Cleaning Unit For Emergency Clean-up .....                        | 428.98                                                  |                         |
| 02 90 55 00-0066                                                                                                                                                                                                                                                                                                   | MO Wet Or Dry Portable Cleaning Unit For Emergency Clean-up .....                        | 1,169.93                                                |                         |
| 02 90 55 00-0067                                                                                                                                                                                                                                                                                                   | DAY Extension Cords - 220 Volt For Emergency Clean-up .....                              | 51.80                                                   |                         |
| 02 90 55 00-0068                                                                                                                                                                                                                                                                                                   | DAY Extension Cords - 220 Volt Converter Box For Emergency Clean-up .....                | 31.08                                                   |                         |
| 02 90 55 00-0069                                                                                                                                                                                                                                                                                                   | DAY Demolition Cart, 1 Yard For Emergency Clean-up.....                                  | 82.87                                                   |                         |
| 02 90 55 00-0070                                                                                                                                                                                                                                                                                                   | WK Demolition Cart, 1 Yard For Emergency Clean-up.....                                   | 227.90                                                  |                         |
| 02 90 55 00-0071                                                                                                                                                                                                                                                                                                   | MO Demolition Cart, 1 Yard For Emergency Clean-up.....                                   | 621.54                                                  |                         |
| 02 90 55 00-0072                                                                                                                                                                                                                                                                                                   | DAY Demolition Cart, 1-1/2 Yard For Emergency Clean-up .....                             | 103.59                                                  |                         |
| 02 90 55 00-0073                                                                                                                                                                                                                                                                                                   | WK Demolition Cart, 1-1/2 Yard For Emergency Clean-up .....                              | 284.87                                                  |                         |
| 02 90 55 00-0074                                                                                                                                                                                                                                                                                                   | MO Demolition Cart, 1-1/2 Yard For Emergency Clean-up .....                              | 776.92                                                  |                         |

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                             |     |                                                                                                  |          |
|-----------------------------|-----|--------------------------------------------------------------------------------------------------|----------|
| 02 90 55 00-0075            | EA  | Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up .....                  | 155.38   |
| 02 90 55 00-0076            | DAY | Dry-Ice Blasting System For Emergency Clean-up .....                                             | 1,830.28 |
| 02 90 55 00-0077            | DAY | Fogger - Mist For Emergency Clean-up .....                                                       | 45.88    |
| 02 90 55 00-0078            | WK  | Fogger - Mist For Emergency Clean-up .....                                                       | 126.17   |
| 02 90 55 00-0079            | MO  | Fogger - Mist For Emergency Clean-up .....                                                       | 344.10   |
| 02 90 55 00-0080            | DAY | Fogger - Electric Thermal For Emergency Clean-up .....                                           | 66.07    |
| 02 90 55 00-0081            | WK  | Fogger - Electric Thermal For Emergency Clean-up .....                                           | 181.68   |
| 02 90 55 00-0082            | MO  | Fogger - Electric Thermal For Emergency Clean-up .....                                           | 495.50   |
| 02 90 55 00-0083            | DAY | Fogger - Gas Power Thermal For Emergency Clean-up .....                                          | 191.10   |
| 02 90 55 00-0084            | WK  | Fogger - Gas Power Thermal For Emergency Clean-up .....                                          | 525.52   |
| 02 90 55 00-0085            | MO  | Fogger - Gas Power Thermal For Emergency Clean-up .....                                          | 1,433.23 |
| 02 90 55 00-0086            | EA  | Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up .....                           | 218.48   |
| 02 90 55 00-0087            | WK  | Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up .....                           | 600.81   |
| 02 90 55 00-0088            | MO  | Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up .....                           | 1,638.56 |
| 02 90 55 00-0089            | DAY | Hand Trucks/Dollies For Emergency Clean-up .....                                                 | 24.86    |
| 02 90 55 00-0090            | WK  | Hand Trucks/Dollies For Emergency Clean-up .....                                                 | 68.37    |
| 02 90 55 00-0091            | MO  | Hand Trucks/Dollies For Emergency Clean-up .....                                                 | 186.46   |
| 02 90 55 00-0092            | DAY | Heat Gun - Shrink Wrap For Emergency Clean-up .....                                              | 141.01   |
| 02 90 55 00-0093            | WK  | Heat Gun - Shrinkwrap For Emergency Clean-up .....                                               | 387.77   |
| 02 90 55 00-0094            | MO  | Heat Gun - Shrinkwrap For Emergency Clean-up .....                                               | 1,057.56 |
| 02 90 55 00-0095            | DAY | High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up .....         | 192.26   |
| Note: Includes all filters. |     |                                                                                                  |          |
| 02 90 55 00-0096            | DAY | Ladder For Emergency Clean-up .....                                                              | 35.22    |
| 02 90 55 00-0097            | DAY | Lights - Demo, Drop, Stand, String For Emergency Clean-up .....                                  | 33.03    |
| 02 90 55 00-0098            | DAY | Lights - Wobble For Emergency Clean-up .....                                                     | 40.37    |
| 02 90 55 00-0099            | DAY | Moisture Meter For Emergency Clean-up .....                                                      | 55.06    |
| 02 90 55 00-0100            | WK  | Moisture Meter For Emergency Clean-up .....                                                      | 151.40   |
| 02 90 55 00-0101            | MO  | Moisture Meter For Emergency Clean-up .....                                                      | 412.92   |
| 02 90 55 00-0102            | DAY | Nail Gun For Emergency Clean-up .....                                                            | 93.23    |
| 02 90 55 00-0103            | WK  | Nail Gun For Emergency Clean-up .....                                                            | 256.39   |
| 02 90 55 00-0104            | MO  | Nail Gun For Emergency Clean-up .....                                                            | 699.23   |
| 02 90 55 00-0105            | DAY | Ozone Generator For Emergency Clean-up .....                                                     | 229.40   |
| 02 90 55 00-0106            | DAY | PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up .....        | 124.31   |
| 02 90 55 00-0107            | DAY | Portable Generator, Up To 7,500 Watt For Emergency Clean-up .....                                | 183.52   |
| 02 90 55 00-0108            | DAY | Pressure Washer, Hot For Emergency Clean-up .....                                                | 275.28   |
| 02 90 55 00-0109            | DAY | Pressure Washer, Cold For Emergency Clean-up .....                                               | 183.52   |
| 02 90 55 00-0110            | DAY | Scaffolding - Per Section For Emergency Clean-up .....                                           | 134.67   |
| 02 90 55 00-0111            | DAY | Small Tools - Tool Box For Emergency Clean-up .....                                              | 51.80    |
| 02 90 55 00-0112            | DAY | Soda Blasting Equipment For Emergency Clean-up .....                                             | 1,816.18 |
| 02 90 55 00-0113            | DAY | Sprayer - Hudson For Emergency Clean-up .....                                                    | 16.57    |
| 02 90 55 00-0114            | WK  | Sprayer - Hudson For Emergency Clean-up .....                                                    | 45.58    |
| 02 90 55 00-0115            | MO  | Sprayer - Hudson For Emergency Clean-up .....                                                    | 124.31   |
| 02 90 55 00-0116            | DAY | 0.47 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 111.96   |
| 02 90 55 00-0117            | WK  | 0.47 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 329.42   |
| 02 90 55 00-0118            | MO  | 0.47 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 1,127.52 |
| 02 90 55 00-0119            | DAY | 0.60 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 220.77   |
| 02 90 55 00-0120            | WK  | 0.60 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 520.39   |
| 02 90 55 00-0121            | MO  | 0.60 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 1,450.80 |
| 02 90 55 00-0122            | DAY | 0.80 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 236.54   |
| 02 90 55 00-0123            | WK  | 0.80 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 591.35   |
| 02 90 55 00-0124            | MO  | 0.80 GPM, Airless Paint Sprayer For Emergency Clean-up .....                                     | 1,592.72 |
| 02 90 55 00-0125            | DAY | Storage Space (Per SF Per Day) For Emergency Clean-up .....                                      | 4.55     |
| 02 90 55 00-0126            | DAY | Submersible Pump For Emergency Clean-up .....                                                    | 45.88    |
| 02 90 55 00-0127            | DAY | Trash Pump - 2" Gas Powered For Emergency Clean-up .....                                         | 261.33   |
| 02 90 55 00-0128            | DAY | Vehicle, Pick-up, SUV, Car For Emergency Clean-up .....                                          | 129.73   |
| 02 90 55 00-0129            | DAY | Vehicle, Van For Emergency Clean-up .....                                                        | 211.51   |
| 02 90 55 00-0130            | DAY | 16' Or 24' Box Truck Vehicle For Emergency Clean-up .....                                        | 265.41   |
| Note: Includes Mileage      |     |                                                                                                  |          |
| 02 90 55 00-0131            | DAY | Trailer - Refrigerated 40' Storage For Emergency Clean-up .....                                  | 281.08   |
| 02 90 55 00-0132            | DAY | Utility Trailer For Emergency Clean-up .....                                                     | 234.07   |
| Note: Includes Mileage      |     |                                                                                                  |          |
| 02 90 55 00-0133            | DAY | Truck Mount, Per Wand Extraction For Emergency Clean-up .....                                    | 1,055.68 |
| 02 90 55 00-0134            | DAY | High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up .....              | 45.88    |
| 02 90 55 00-0135            | WK  | High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up .....              | 126.17   |
| 02 90 55 00-0136            | MO  | High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up .....              | 344.10   |
| 02 90 55 00-0137            | DAY | 12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up ..... | 155.99   |
| 02 90 55 00-0138            | WK  | 12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up ..... | 428.98   |
| 02 90 55 00-0139            | MO  | 12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up ..... | 1,169.93 |
| 02 90 55 00-0140            | DAY | Vacuum - Upright For Emergency Clean-up .....                                                    | 31.02    |
| 02 90 55 00-0141            | WK  | Vacuum - Upright For Emergency Clean-up .....                                                    | 85.31    |
| 02 90 55 00-0142            | MO  | Vacuum - Upright For Emergency Clean-up .....                                                    | 232.66   |
| 02 90 55 00-0143            | DAY | 12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up .....                                | 64.23    |
| 02 90 55 00-0144            | WK  | 12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up .....                                | 159.53   |
| 02 90 55 00-0145            | MO  | 12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up .....                                | 383.28   |
| 02 90 55 00-0146            | DAY | 55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up .....                                   | 64.23    |
| 02 90 55 00-0147            | WK  | 55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up .....                                   | 159.53   |
| 02 90 55 00-0148            | MO  | 55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up .....                                   | 404.00   |
| 02 90 55 00-0149            | DAY | 17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up .....                            | 147.10   |
| 02 90 55 00-0150            | WK  | 17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up .....                            | 393.64   |
| 02 90 55 00-0151            | MO  | 17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up .....                            | 1,098.05 |
| 02 90 55 00-0152            | DAY | Zip Wall Poles (Per 2 Poles) For Emergency Clean-up .....                                        | 45.88    |



| MINOR<br>CSI UOM DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 90 55 00-0153 WK Zip Wall Poles (Per 2 Poles) For Emergency Clean-up .....                             | 126.17                    |                         |
| 02 90 55 00-0154 MO Zip Wall Poles (Per 2 Poles) For Emergency Clean-up .....                             | 344.10                    |                         |
| 02 90 55 00-0155 DAY 10' x 10' Canopy For Emergency Clean-up .....                                        | 130.52                    |                         |
| 02 90 55 00-0156 WK 10' x 10' Canopy For Emergency Clean-up .....                                         | 261.05                    |                         |
| 02 90 55 00-0157 MO 10' x 10' Canopy For Emergency Clean-up .....                                         | 522.09                    |                         |
| 02 90 55 00-0158 DAY 10' x 20' Canopy For Emergency Clean-up .....                                        | 261.05                    |                         |
| 02 90 55 00-0159 WK 10' x 20' Canopy For Emergency Clean-up .....                                         | 522.09                    |                         |
| 02 90 55 00-0160 MO 10' x 20' Canopy For Emergency Clean-up .....                                         | 1,044.19                  |                         |
| 02 90 55 00-0161 DAY 16' x 16' Canopy For Emergency Clean-up .....                                        | 327.34                    |                         |
| 02 90 55 00-0162 WK 16' x 16' Canopy For Emergency Clean-up .....                                         | 654.69                    |                         |
| 02 90 55 00-0163 MO 16' x 16' Canopy For Emergency Clean-up .....                                         | 1,309.38                  |                         |
| 02 90 55 00-0164 DAY 20' x 20' Canopy For Emergency Clean-up .....                                        | 435.08                    |                         |
| 02 90 55 00-0165 WK 20' x 20' Canopy For Emergency Clean-up .....                                         | 870.16                    |                         |
| 02 90 55 00-0166 MO 20' x 20' Canopy For Emergency Clean-up .....                                         | 1,740.31                  |                         |
| 02 90 55 00-0167 DAY 20' x 30' Canopy For Emergency Clean-up .....                                        | 497.23                    |                         |
| 02 90 55 00-0168 WK 20' x 30' Canopy For Emergency Clean-up .....                                         | 994.46                    |                         |
| 02 90 55 00-0169 MO 20' x 30' Canopy For Emergency Clean-up .....                                         | 1,988.93                  |                         |
| 02 90 55 00-0170 DAY 20' x 40' Canopy For Emergency Clean-up .....                                        | 580.10                    |                         |
| 02 90 55 00-0171 WK 20' x 40' Canopy For Emergency Clean-up .....                                         | 1,160.21                  |                         |
| 02 90 55 00-0172 MO 20' x 40' Canopy For Emergency Clean-up .....                                         | 2,320.42                  |                         |
| 02 90 55 00-0173 DAY First Aid Station For Emergency Clean-up .....                                       | 313.26                    |                         |
| 02 90 55 00-0174 WK First Aid Station For Emergency Clean-up .....                                        | 861.45                    |                         |
| 02 90 55 00-0175 MO First Aid Station For Emergency Clean-up .....                                        | 2,349.42                  |                         |
| 02 90 55 00-0176 DAY Portable Eyewash Station For Emergency Clean-up .....                                | 95.14                     |                         |
| 02 90 55 00-0177 WK Portable Eyewash Station For Emergency Clean-up .....                                 | 261.63                    |                         |
| 02 90 55 00-0178 MO Portable Eyewash Station For Emergency Clean-up .....                                 | 713.53                    |                         |
| 02 90 55 00-0179 DAY 2 Way Radio For Emergency Clean-up .....                                             | 39.48                     |                         |
| 02 90 55 00-0180 Technical/Electronics Restoration Equipment (02 90 55 00-0022)                           |                           |                         |
| 02 90 55 00-0181 DAY Computer - Diagnostic For Emergency Clean-up .....                                   | 51.80                     |                         |
| 02 90 55 00-0182 WK Computer - Diagnostic For Emergency Clean-up .....                                    | 142.44                    |                         |
| 02 90 55 00-0183 MO Computer - Diagnostic For Emergency Clean-up .....                                    | 388.46                    |                         |
| 02 90 55 00-0184 DAY Convection Oven - Large For Emergency Clean-up .....                                 | 820.66                    |                         |
| 02 90 55 00-0185 WK Convection Oven - Large For Emergency Clean-up .....                                  | 2,256.82                  |                         |
| 02 90 55 00-0186 MO Convection Oven - Large For Emergency Clean-up .....                                  | 6,154.98                  |                         |
| 02 90 55 00-0187 DAY Convection Oven - Small For Emergency Clean-up .....                                 | 186.46                    |                         |
| 02 90 55 00-0188 WK Convection Oven - Small For Emergency Clean-up .....                                  | 512.77                    |                         |
| 02 90 55 00-0189 MO Convection Oven - Small For Emergency Clean-up .....                                  | 1,398.46                  |                         |
| 02 90 55 00-0190 DAY Convection Oven - Vacuum For Emergency Clean-up .....                                | 1,171.30                  |                         |
| 02 90 55 00-0191 WK Convection Oven - Vacuum For Emergency Clean-up .....                                 | 3,221.08                  |                         |
| 02 90 55 00-0192 MO Convection Oven - Vacuum For Emergency Clean-up .....                                 | 8,784.77                  |                         |
| 02 90 55 00-0193 DAY Decontamination Booth For Emergency Clean-up .....                                   | 968.25                    |                         |
| 02 90 55 00-0194 WK Decontamination Booth For Emergency Clean-up .....                                    | 2,662.69                  |                         |
| 02 90 55 00-0195 MO Decontamination Booth For Emergency Clean-up .....                                    | 7,261.89                  |                         |
| 02 90 55 00-0196 DAY DI Water System For Emergency Clean-up .....                                         | 75.20                     |                         |
| 02 90 55 00-0197 WK DI Water System For Emergency Clean-up .....                                          | 206.81                    |                         |
| 02 90 55 00-0198 MO DI Water System For Emergency Clean-up .....                                          | 564.03                    |                         |
| 02 90 55 00-0199 DAY ESD Bench Workstation For Emergency Clean-up .....                                   | 46.06                     |                         |
| 02 90 55 00-0200 WK ESD Bench Workstation For Emergency Clean-up .....                                    | 126.67                    |                         |
| 02 90 55 00-0201 MO ESD Bench Workstation For Emergency Clean-up .....                                    | 345.47                    |                         |
| 02 90 55 00-0202 DAY Heater/Enclosure Control System For Emergency Clean-up .....                         | 31.08                     |                         |
| 02 90 55 00-0203 WK Heater/Enclosure Control System For Emergency Clean-up .....                          | 85.46                     |                         |
| 02 90 55 00-0204 MO Heater/Enclosure Control System For Emergency Clean-up .....                          | 233.08                    |                         |
| 02 90 55 00-0205 DAY Hi-Tech Mobile Cart/Workstation For Emergency Clean-up .....                         | 118.45                    |                         |
| 02 90 55 00-0206 WK Hi-Tech Mobile Cart/Workstation For Emergency Clean-up .....                          | 325.73                    |                         |
| 02 90 55 00-0207 MO Hi-Tech Mobile Cart/Workstation For Emergency Clean-up .....                          | 888.35                    |                         |
| 02 90 55 00-0208 DAY Micro-Blaster/Dust Collector For Emergency Clean-up .....                            | 466.16                    |                         |
| 02 90 55 00-0209 WK Micro-Blaster/Dust Collector For Emergency Clean-up .....                             | 1,281.93                  |                         |
| 02 90 55 00-0210 MO Micro-Blaster/Dust Collector For Emergency Clean-up .....                             | 3,496.16                  |                         |
| 02 90 55 00-0211 DAY Mobile Laboratory For Emergency Clean-up .....                                       | 1,294.88                  |                         |
| 02 90 55 00-0212 WK Mobile Laboratory For Emergency Clean-up .....                                        | 3,560.91                  |                         |
| 02 90 55 00-0213 MO Mobile Laboratory For Emergency Clean-up .....                                        | 9,711.56                  |                         |
| 02 90 55 00-0214 DAY Nitrogen Enclosure Cabinet For Emergency Clean-up .....                              | 24.86                     |                         |
| 02 90 55 00-0215 WK Nitrogen Enclosure Cabinet For Emergency Clean-up .....                               | 68.37                     |                         |
| 02 90 55 00-0216 MO Nitrogen Enclosure Cabinet For Emergency Clean-up .....                               | 186.46                    |                         |
| 02 90 55 00-0217 DAY Odell Cleaning Station For Emergency Clean-up .....                                  | 725.13                    |                         |
| 02 90 55 00-0218 WK Odell Cleaning Station For Emergency Clean-up .....                                   | 1,994.11                  |                         |
| 02 90 55 00-0219 MO Odell Cleaning Station For Emergency Clean-up .....                                   | 5,438.48                  |                         |
| 02 90 55 00-0220 DAY Parts Washer For Emergency Clean-up .....                                            | 51.80                     |                         |
| 02 90 55 00-0221 WK Parts Washer For Emergency Clean-up .....                                             | 142.44                    |                         |
| 02 90 55 00-0222 MO Parts Washer For Emergency Clean-up .....                                             | 388.46                    |                         |
| 02 90 55 00-0223 DAY Ultrasonic Cleaning System For Emergency Clean-up .....                              | 352.52                    |                         |
| 02 90 55 00-0224 WK Ultrasonic Cleaning System For Emergency Clean-up .....                               | 969.43                    |                         |
| 02 90 55 00-0225 MO Ultrasonic Cleaning System For Emergency Clean-up .....                               | 2,643.89                  |                         |
| 02 90 55 00-0226 DAY Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up ..... | 155.99                    |                         |
| 02 90 55 00-0227 WK Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....  | 428.98                    |                         |
| 02 90 55 00-0228 MO Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up .....  | 1,169.93                  |                         |

02 90 55 00-0229 Drying/Dehumidification Equipment (02 90 55 00-0022)

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |     |                                                                                               |           |  |
|------------------|-----|-----------------------------------------------------------------------------------------------|-----------|--|
| 02 90 55 00-0230 | DAY | 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....           | 229.40    |  |
|                  |     | Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.                           |           |  |
| 02 90 55 00-0231 | WK  | 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....           | 630.85    |  |
|                  |     | Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.                           |           |  |
| 02 90 55 00-0232 | MO  | 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....           | 1,720.49  |  |
|                  |     | Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.                           |           |  |
| 02 90 55 00-0233 | DAY | 2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....                                   | 57.63     |  |
| 02 90 55 00-0234 | WK  | 2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....                                   | 158.49    |  |
| 02 90 55 00-0235 | MO  | 2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....                                   | 432.25    |  |
| 02 90 55 00-0236 | DAY | 3,000 CFM Axial Air Mover For Emergency Clean-up.....                                         | 96.05     |  |
| 02 90 55 00-0237 | WK  | 3,000 CFM Axial Air Mover For Emergency Clean-up.....                                         | 264.15    |  |
| 02 90 55 00-0238 | MO  | 3,000 CFM Axial Air Mover For Emergency Clean-up.....                                         | 720.41    |  |
| 02 90 55 00-0239 | DAY | Injectidry System For Emergency Clean-up.....                                                 | 284.45    |  |
| 02 90 55 00-0240 | WK  | Injectidry System For Emergency Clean-up.....                                                 | 782.25    |  |
| 02 90 55 00-0241 | MO  | Injectidry System For Emergency Clean-up.....                                                 | 2,133.41  |  |
| 02 90 55 00-0242 | DAY | Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....   | 193.52    |  |
| 02 90 55 00-0243 | WK  | Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....   | 504.68    |  |
| 02 90 55 00-0244 | MO  | Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....   | 1,376.39  |  |
| 02 90 55 00-0245 | DAY | >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 258.98    |  |
| 02 90 55 00-0246 | WK  | >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 712.18    |  |
| 02 90 55 00-0247 | MO  | >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 1,942.31  |  |
| 02 90 55 00-0248 | DAY | >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 253.43    |  |
| 02 90 55 00-0249 | WK  | >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 696.94    |  |
| 02 90 55 00-0250 | MO  | >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up..... | 1,900.73  |  |
| 02 90 55 00-0251 | DAY | Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 270.91    |  |
| 02 90 55 00-0252 | WK  | Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 745.00    |  |
| 02 90 55 00-0253 | MO  | Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 2,031.82  |  |
| 02 90 55 00-0254 | DAY | Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 270.91    |  |
| 02 90 55 00-0255 | WK  | Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 745.00    |  |
| 02 90 55 00-0256 | MO  | Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....                              | 2,031.82  |  |
| 02 90 55 00-0257 | DAY | D-500 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 305.86    |  |
| 02 90 55 00-0258 | WK  | D-500 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 841.13    |  |
| 02 90 55 00-0259 | MO  | D-500 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 2,293.99  |  |
| 02 90 55 00-0260 | DAY | D-750 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 642.32    |  |
| 02 90 55 00-0261 | WK  | D-750 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 1,766.37  |  |
| 02 90 55 00-0262 | MO  | D-750 Desiccant Dehumidifier For Emergency Clean-up.....                                      | 4,817.37  |  |
| 02 90 55 00-0263 | DAY | D-1000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 1,101.11  |  |
| 02 90 55 00-0264 | WK  | D-1000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 3,028.06  |  |
| 02 90 55 00-0265 | MO  | D-1000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 8,258.36  |  |
| 02 90 55 00-0266 | DAY | D-1500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 1,695.37  |  |
| 02 90 55 00-0267 | WK  | D-1500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 4,662.26  |  |
| 02 90 55 00-0268 | MO  | D-1500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 12,715.24 |  |
| 02 90 55 00-0269 | DAY | D-2000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 1,695.37  |  |
| 02 90 55 00-0270 | WK  | D-2000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 4,662.26  |  |
| 02 90 55 00-0271 | MO  | D-2000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 12,715.24 |  |
| 02 90 55 00-0272 | DAY | D-2250 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 1,770.52  |  |
| 02 90 55 00-0273 | WK  | D-2250 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 4,868.93  |  |
| 02 90 55 00-0274 | MO  | D-2250 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 13,278.91 |  |
| 02 90 55 00-0275 | DAY | D-3000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 2,202.23  |  |
| 02 90 55 00-0276 | WK  | D-3000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 6,056.13  |  |
| 02 90 55 00-0277 | MO  | D-3000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 16,516.71 |  |
| 02 90 55 00-0278 | DAY | D-4500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 2,477.51  |  |
| 02 90 55 00-0279 | WK  | D-4500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 6,813.14  |  |
| 02 90 55 00-0280 | MO  | D-4500 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 18,581.30 |  |
| 02 90 55 00-0281 | DAY | D-5000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 2,661.03  |  |
| 02 90 55 00-0282 | WK  | D-5000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 7,317.82  |  |
| 02 90 55 00-0283 | MO  | D-5000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 19,957.69 |  |
| 02 90 55 00-0284 | DAY | D-9000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 3,495.60  |  |
| 02 90 55 00-0285 | WK  | D-9000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 9,612.90  |  |
| 02 90 55 00-0286 | MO  | D-9000 Desiccant Dehumidifier For Emergency Clean-up.....                                     | 26,217.00 |  |
| 02 90 55 00-0287 | DAY | D-10500 Desiccant Dehumidifier For Emergency Clean-up.....                                    | 3,670.38  |  |
| 02 90 55 00-0288 | WK  | D-10500 Desiccant Dehumidifier For Emergency Clean-up.....                                    | 10,093.54 |  |
| 02 90 55 00-0289 | MO  | D-10500 Desiccant Dehumidifier For Emergency Clean-up.....                                    | 27,527.85 |  |
| 02 90 55 00-0290 | DAY | 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                      | 641.58    |  |
| 02 90 55 00-0291 | WK  | 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                      | 1,764.36  |  |
| 02 90 55 00-0292 | MO  | 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                      | 4,811.88  |  |
| 02 90 55 00-0293 | DAY | 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                        | 888.35    |  |
| 02 90 55 00-0294 | WK  | 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                        | 2,442.95  |  |
| 02 90 55 00-0295 | MO  | 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                        | 6,662.60  |  |
| 02 90 55 00-0296 | DAY | 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 1,101.11  |  |
| 02 90 55 00-0297 | WK  | 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 3,028.06  |  |
| 02 90 55 00-0298 | MO  | 10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 8,258.36  |  |
| 02 90 55 00-0299 | DAY | 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 1,468.15  |  |
| 02 90 55 00-0300 | WK  | 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 4,037.42  |  |
| 02 90 55 00-0301 | MO  | 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 11,011.14 |  |
| 02 90 55 00-0302 | DAY | 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 2,477.51  |  |
| 02 90 55 00-0303 | WK  | 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 6,813.14  |  |
| 02 90 55 00-0304 | MO  | 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 18,581.30 |  |
| 02 90 55 00-0305 | DAY | 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 2,752.78  |  |
| 02 90 55 00-0306 | WK  | 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 7,570.16  |  |
| 02 90 55 00-0307 | MO  | 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....                       | 20,645.89 |  |



|                     |  |  |          |
|---------------------|--|--|----------|
| Existing Conditions |  |  | 02       |
| Disaster Recovery   |  |  | 02 90    |
| Emergency Clean-up  |  |  | 02 90 55 |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 02 90 55 00-0308 DAY 25' Flex Duct For Emergency Clean-up .....                                                                                                                | 36.70                     |                         |
| 02 90 55 00-0309 WK 25' Flex Duct For Emergency Clean-up .....                                                                                                                 | 100.94                    |                         |
| 02 90 55 00-0310 MO 25' Flex Duct For Emergency Clean-up .....                                                                                                                 | 275.28                    |                         |
| 02 90 55 00-0311 DAY Hygrothermograph For Emergency Clean-up .....                                                                                                             | 51.80                     |                         |
| 02 90 55 00-0312 WK Hygrothermograph For Emergency Clean-up .....                                                                                                              | 142.44                    |                         |
| 02 90 55 00-0313 MO Hygrothermograph For Emergency Clean-up .....                                                                                                              | 388.46                    |                         |
| 02 90 55 00-0314 DAY Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up .....                                                                       | 9,289.48                  |                         |
| Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.                                            |                           |                         |
| 02 90 55 00-0315 WK Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up .....                                                                        | 25,546.07                 |                         |
| Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.                                            |                           |                         |
| 02 90 55 00-0316 MO Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up .....                                                                        | 69,671.11                 |                         |
| Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.                                            |                           |                         |
| 02 90 55 00-0317 Power Equipment (02 90 55 00-0022)                                                                                                                            |                           |                         |
| 02 90 55 00-0318 WK Up to 65 KVA Generator For Emergency Clean-up .....                                                                                                        | 1,222.06                  |                         |
| 02 90 55 00-0319 WK >65 to 125 KVA Generator For Emergency Clean-up .....                                                                                                      | 2,068.11                  |                         |
| 02 90 55 00-0320 WK >125 to 250 KVA Generator For Emergency Clean-up .....                                                                                                     | 2,017.14                  |                         |
| 02 90 55 00-0321 WK >250 to 375 KVA Generator For Emergency Clean-up .....                                                                                                     | 3,478.18                  |                         |
| 02 90 55 00-0322 WK >375 Up to 440 KVA Generator For Emergency Clean-up .....                                                                                                  | 4,700.25                  |                         |
| 02 90 55 00-0323 WK >440 to 625 KVA Generator For Emergency Clean-up .....                                                                                                     | 7,077.70                  |                         |
| 02 90 55 00-0324 WK >625 to 800 KVA Generator For Emergency Clean-up .....                                                                                                     | 7,238.38                  |                         |
| 02 90 55 00-0325 WK >800 to 1,000 KVA Generator For Emergency Clean-up .....                                                                                                   | 9,682.52                  |                         |
| 02 90 55 00-0326 WK >1,000 to 1,500 KVA Generator For Emergency Clean-up .....                                                                                                 | 14,570.78                 |                         |
| 02 90 55 00-0327 EA Generator Cable/Pigtails (Per Section) For Emergency Clean-up .....                                                                                        | 31.59                     |                         |
| 02 90 55 00-0328 EA Sub-Distribution Panel (Spider Box) For Emergency Clean-up .....                                                                                           | 151.35                    |                         |
| 02 90 55 00-0329 EA Electrical Distribution Panel For Emergency Clean-up .....                                                                                                 | 352.52                    |                         |
| 02 90 55 00-0330 EA Quad Box Strings (25' Sections) For Emergency Clean-up .....                                                                                               | 56.87                     |                         |
| 02 90 55 00-0331 EA 50' Power Cord For Spider Box For Emergency Clean-up .....                                                                                                 | 52.64                     |                         |
| 02 90 55 00-0332 EA Pig Tails (Per Each) For Emergency Clean-up .....                                                                                                          | 5.18                      |                         |
| 02 90 55 00-0333 Freight Charges (02 90 55 00-0022)                                                                                                                            |                           |                         |
| 02 90 55 00-0334 MI Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment .....                                                                                   | 2.59                      |                         |
| 02 90 55 00-0335 MI Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment .....                                                                                        | 4.66                      |                         |
| 02 90 55 00-0336 MI Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment .....                                                                                        | 4.66                      |                         |
| 02 90 55 00-0337 MI Freight Tractor Trailer For Emergency Clean-up Equipment .....                                                                                             | 6.73                      |                         |
| 02 90 55 00-0338 Emergency Clean-up Personal Protection Equipment (02 90 55 00-0001)                                                                                           |                           |                         |
| Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections. |                           |                         |
| 02 90 55 00-0339 EA Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment .....                                                                                 | 15.19                     |                         |
| 02 90 55 00-0340 EA Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment .....                                                  | 17.90                     |                         |
| 02 90 55 00-0341 EA Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment .....                                            | 18.76                     |                         |
| 02 90 55 00-0342 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment .....                                     | 23.65                     |                         |
| 02 90 55 00-0343 EA Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment .....                                                  | 125.72                    |                         |
| 02 90 55 00-0344 EA N95 Respirator For Emergency Clean-up Personal Protection Equipment .....                                                                                  | 5.26                      |                         |
| 02 90 55 00-0345 EA N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment .....                                                                       | 7.49                      |                         |
| 02 90 55 00-0346 PR 3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment .....                                                                        | 50.25                     |                         |
| 02 90 55 00-0347 EA Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment .....                                                          | 40.21                     |                         |
| 02 90 55 00-0348 PR P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment .....                                                                      | 50.25                     |                         |
| 02 90 55 00-0349 EA Respirator Cartridge For Emergency Clean-up Personal Protection Equipment .....                                                                            | 53.06                     |                         |
| 02 90 55 00-0350 BOX Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment .....                                                                          | 59.16                     |                         |
| 02 90 55 00-0351 PR Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                            | 4.23                      |                         |
| 02 90 55 00-0352 BOX 5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment .....                                                    | 27.53                     |                         |
| 02 90 55 00-0353 PR 4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                | 0.56                      |                         |
| 02 90 55 00-0354 PR 5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                  | 0.48                      |                         |
| 02 90 55 00-0355 PR 17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                            | 2.24                      |                         |
| 02 90 55 00-0356 PR 15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                          | 5.32                      |                         |
| 02 90 55 00-0357 PR Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment .....                                                            | 7.29                      |                         |
| 02 90 55 00-0358 PR 30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment .....                      | 8.17                      |                         |
| 02 90 55 00-0359 PR Leather Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                                  | 13.77                     |                         |
| 02 90 55 00-0360 EA Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment .....                                                                       | 23.51                     |                         |
| 02 90 55 00-0361 PR Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment .....                                                               | 15.33                     |                         |
| 02 90 55 00-0362 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment .....                             | 25.28                     |                         |
| 02 90 55 00-0363 PR Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment .....                                                                          | 6.71                      |                         |
| 02 90 55 00-0364 EA Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment .....                                                                 | 9.18                      |                         |
| 02 90 55 00-0365 Emergency Clean-up Expendables (02 90 55 00-0001)                                                                                                             |                           |                         |
| Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections. |                           |                         |
| 02 90 55 00-0366 General Materials (02 90 55 00-0365)                                                                                                                          |                           |                         |
| 02 90 55 00-0367 GAL Adhesive Remover For Emergency Clean-up .....                                                                                                             | 110.11                    |                         |

**02 Existing Conditions****02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |      |                                                                                                    |        |
|------------------|------|----------------------------------------------------------------------------------------------------|--------|
| 02 90 55 00-0368 | GAL  | Bioside-HS Cleaning Solution For Emergency Clean-up.....                                           | 35.32  |
| 02 90 55 00-0369 | GAL  | Biocide Mold Cleaning Solution For Emergency Clean-up.....                                         | 45.07  |
| 02 90 55 00-0370 | EA   | 10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up.....                                  | 5.80   |
| 02 90 55 00-0371 | EA   | 10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up.....                                  | 8.81   |
| 02 90 55 00-0372 | EA   | 10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up.....                                  | 8.81   |
| 02 90 55 00-0373 | GAL  | Bleach For Emergency Clean-up.....                                                                 | 11.84  |
| 02 90 55 00-0374 | EA   | Small Stainless Brush For Emergency Clean-up.....                                                  | 7.52   |
| 02 90 55 00-0375 | EA   | 2-1/2 Gallon Buckets For Emergency Clean-up.....                                                   | 8.75   |
| 02 90 55 00-0376 | EA   | 5 Gallon Bucket For Emergency Clean-up.....                                                        | 13.26  |
| 02 90 55 00-0377 | GAL  | Carpet Defoamer For Emergency Clean-up.....                                                        | 34.11  |
| 02 90 55 00-0378 | GAL  | Carpet Pre-treat For Emergency Clean-up.....                                                       | 27.83  |
| 02 90 55 00-0379 | GAL  | Carpet Spotter For Emergency Clean-up.....                                                         | 46.63  |
| 02 90 55 00-0380 | GAL  | Carpet/Upholstery Cleaner For Emergency Clean-up.....                                              | 37.60  |
| 02 90 55 00-0381 | ROL  | Carpet Masking/Shield For Emergency Clean-up.....                                                  | 108.23 |
| 02 90 55 00-0382 | EA   | Chemical Sponge For Emergency Clean-up.....                                                        | 4.33   |
| 02 90 55 00-0383 | GAL  | Clear Seal For Emergency Clean-up.....                                                             | 148.05 |
| 02 90 55 00-0384 | GAL  | Coil Cleaner For Emergency Clean-up.....                                                           | 74.51  |
| 02 90 55 00-0385 | EA   | Decontamination Chamber For Emergency Clean-up.....                                                | 323.75 |
| 02 90 55 00-0386 | GAL  | All Purpose Degreaser For Emergency Clean-up.....                                                  | 48.45  |
| 02 90 55 00-0387 | GAL  | Heavy Duty Degreaser For Emergency Clean-up.....                                                   | 55.52  |
| 02 90 55 00-0388 | GAL  | De-Foamer Liquid For Emergency Clean-up.....                                                       | 63.68  |
| 02 90 55 00-0389 | EA   | Deodorization Membrane For Emergency Clean-up.....                                                 | 118.77 |
| 02 90 55 00-0390 | GAL  | 9-D-9 Smoke Deodorizer For Emergency Clean-up.....                                                 | 190.34 |
| 02 90 55 00-0391 | LB   | Deodorizing Gel For Emergency Clean-up.....                                                        | 44.72  |
| 02 90 55 00-0392 | GAL  | Deodorizing Liquid For Emergency Clean-up.....                                                     | 62.98  |
| 02 90 55 00-0393 | PAIL | Deodorizing Block For Emergency Clean-up.....                                                      | 11.24  |
| 02 90 55 00-0394 | GAL  | Disinfectant/Anti-microbial For Emergency Clean-up.....                                            | 116.03 |
| 02 90 55 00-0395 | GAL  | BruClean Disinfectant For Emergency Clean-up.....                                                  | 37.90  |
| 02 90 55 00-0396 | GAL  | Dryclean For Emergency Clean-up.....                                                               | 49.49  |
| 02 90 55 00-0397 | GAL  | Duct Sealant Spray For Emergency Clean-up.....                                                     | 74.58  |
| 02 90 55 00-0398 | GAL  | Antifungal Duct Sealant For Emergency Clean-up.....                                                | 107.73 |
| 02 90 55 00-0399 | GAL  | Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up.....                                | 171.65 |
| 02 90 55 00-0400 | PR   | Ear Plugs For Emergency Clean-up Personal Protection Equipment.....                                | 0.67   |
| 02 90 55 00-0401 | GAL  | Encapsulant For Emergency Clean-up.....                                                            | 123.33 |
| 02 90 55 00-0402 | GAL  | AfterShock Fiberlocke For Emergency Clean-up.....                                                  | 108.29 |
| 02 90 55 00-0403 | GAL  | IAQ 2500 Fiberlocke For Emergency Clean-up.....                                                    | 127.92 |
| 02 90 55 00-0404 | GAL  | IAS 6000 Fiberlocke For Emergency Clean-up.....                                                    | 131.57 |
| 02 90 55 00-0405 | ROL  | Filter Material For Emergency Clean-up.....                                                        | 290.36 |
| 02 90 55 00-0406 | EA   | Blue Paper Collection Bag Filter For Emergency Clean-up.....                                       | 7.82   |
| 02 90 55 00-0407 | EA   | CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....          | 621.03 |
| 02 90 55 00-0408 | EA   | Pre-Filter For Negative Air Machine For Emergency Clean-up.....                                    | 2.98   |
| 02 90 55 00-0409 | EA   | Pleated Filter For Negative Air Machine For Emergency Clean-up.....                                | 13.27  |
| 02 90 55 00-0410 | EA   | Charcoal Filter For Negative Air Machine For Emergency Clean-up.....                               | 47.23  |
| 02 90 55 00-0411 | EA   | High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up..... | 449.18 |
| 02 90 55 00-0412 | EA   | Pleated Dehumidifier Filter For Emergency Clean-up.....                                            | 11.85  |
| 02 90 55 00-0413 | GAL  | Floor Stripper For Emergency Clean-up.....                                                         | 23.20  |
| 02 90 55 00-0414 | GAL  | Floor Wax For Emergency Clean-up.....                                                              | 33.15  |
| 02 90 55 00-0415 | GAL  | Fogger (Thermal) For Emergency Clean-up.....                                                       | 201.88 |
| 02 90 55 00-0416 | BOX  | Furniture Blocks For Emergency Clean-up.....                                                       | 162.60 |
| 02 90 55 00-0417 | EA   | Furniture Polish, Per 10 Oz Can For Emergency Clean-up.....                                        | 21.91  |
| 02 90 55 00-0418 | GAL  | Glass Cleaner For Emergency Clean-up.....                                                          | 14.61  |
| 02 90 55 00-0419 | EA   | Goof Off Spray, 12 Oz For Emergency Clean-up.....                                                  | 18.80  |
| 02 90 55 00-0420 | EA   | Halogen Light Bulbs For Emergency Clean-up.....                                                    | 23.67  |
| 02 90 55 00-0421 | QT   | Hand Sanitizer For Emergency Clean-up.....                                                         | 11.70  |
| 02 90 55 00-0422 | EA   | Hard Hats For Emergency Clean-up Personal Protection Equipment.....                                | 9.63   |
| 02 90 55 00-0423 | BOX  | Hog Rings, Box Of 2,500 For Emergency Clean-up.....                                                | 22.91  |
| 02 90 55 00-0424 | GAL  | HVAC Coal Cleaner For Emergency Clean-up.....                                                      | 71.82  |
| 02 90 55 00-0425 | BOX  | Inventory Tag, Box Of 1,000 For Emergency Clean-up.....                                            | 161.13 |
| 02 90 55 00-0426 | EA   | Utility Knives For Emergency Clean-up.....                                                         | 18.23  |
| 02 90 55 00-0427 | ROL  | 13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....                                        | 138.22 |
| 02 90 55 00-0428 | ROL  | 20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....                                        | 145.93 |
| 02 90 55 00-0429 | ROL  | 29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....                                        | 290.54 |
| 02 90 55 00-0430 | ROL  | 39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....                                        | 419.95 |
| 02 90 55 00-0431 | GAL  | Lemon Oil For Emergency Clean-up.....                                                              | 58.73  |
| 02 90 55 00-0432 | GAL  | LPS 1/Mecca Lube For Emergency Clean-up.....                                                       | 60.23  |
| 02 90 55 00-0433 | GAL  | LPS 2 For Emergency Clean-up.....                                                                  | 63.75  |
| 02 90 55 00-0434 | GAL  | LPS Contact Cleaner For Emergency Clean-up.....                                                    | 63.45  |
| 02 90 55 00-0435 | GAL  | Light Lubricant Preserve For Emergency Clean-up.....                                               | 168.20 |
| 02 90 55 00-0436 | GAL  | Heavy Lubricant Preserver For Emergency Clean-up.....                                              | 33.15  |
| 02 90 55 00-0437 | GAL  | Machinery Cleaning Solvent For Emergency Clean-up.....                                             | 281.16 |
| 02 90 55 00-0438 | GAL  | Metal Polishing Paste For Emergency Clean-up.....                                                  | 31.13  |
| 02 90 55 00-0439 | GAL  | MediClean® Disinfectant For Emergency Clean-up.....                                                | 66.99  |
| 02 90 55 00-0440 | GAL  | Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up.....                                           | 82.23  |
| 02 90 55 00-0441 | EA   | Mop Heads For Emergency Clean-up.....                                                              | 10.43  |
| 02 90 55 00-0442 | EA   | Nylon Scouring Pads For Emergency Clean-up.....                                                    | 1.82   |
| 02 90 55 00-0443 | GAL  | Odor Neutralizer For Emergency Clean-up.....                                                       | 46.63  |
| 02 90 55 00-0444 | EA   | Packing Paper, 25 LB Bundle For Emergency Clean-up.....                                            | 83.79  |
| 02 90 55 00-0445 | EA   | Paint Brushes For Emergency Clean-up.....                                                          | 8.29   |
| 02 90 55 00-0446 | ROL  | Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up.....                                     | 195.41 |
| 02 90 55 00-0447 | EA   | Putty Knives For Emergency Clean-up.....                                                           | 7.51   |
| 02 90 55 00-0448 | ROL  | Red Resin Paper, 200' Roll For Emergency Clean-up.....                                             | 42.64  |



| MINOR            | CSI | UOM | DESCRIPTION                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------|------------------------|----------------------|
| 02 90 55 00-0449 | GAL |     | Reodorant For Emergency Clean-up .....                                    | 140.88                 |                      |
| 02 90 55 00-0450 | GAL |     | Restoracide For Emergency Clean-up .....                                  | 66.08                  |                      |
| 02 90 55 00-0451 | GAL |     | Rust Remover For Emergency Clean-up .....                                 | 102.77                 |                      |
| 02 90 55 00-0452 | EA  |     | Saltesmo Test Samples For Emergency Clean-up .....                        | 9.55                   |                      |
| 02 90 55 00-0453 | EA  |     | Sand Bag For Emergency Clean-up .....                                     | 2.50                   |                      |
|                  |     |     | Note: Excludes sand material                                              |                        |                      |
| 02 90 55 00-0454 | EA  |     | Scotch-Brite 7447, Per Box 50 For Emergency Clean-up .....                | 33.56                  |                      |
| 02 90 55 00-0455 | EA  |     | Small Scrub Brushes For Emergency Clean-up .....                          | 17.30                  |                      |
| 02 90 55 00-0456 | GAL |     | Clear Soot Sealant For Emergency Clean-up .....                           | 119.19                 |                      |
| 02 90 55 00-0457 | GAL |     | Pigmented Soot Sealant For Emergency Clean-up .....                       | 321.43                 |                      |
| 02 90 55 00-0458 | ROL |     | Shrinkwrap Plastic For Emergency Clean-up .....                           | 73.99                  |                      |
| 02 90 55 00-0459 | EA  |     | Dry Sponges For Emergency Clean-up .....                                  | 6.02                   |                      |
| 02 90 55 00-0460 | EA  |     | Spray Adhesive, Per Can For Emergency Clean-up .....                      | 7.72                   |                      |
| 02 90 55 00-0461 | EA  |     | Spray Bot./Trigger For Emergency Clean-up .....                           | 6.40                   |                      |
| 02 90 55 00-0462 | GAL |     | Stain Remover For Emergency Clean-up .....                                | 42.11                  |                      |
| 02 90 55 00-0463 | GAL |     | Stainless Steel Cleaner For Emergency Clean-up .....                      | 14.54                  |                      |
| 02 90 55 00-0464 | EA  |     | Stainless Steel Polish, Per Can For Emergency Clean-up .....              | 19.09                  |                      |
| 02 90 55 00-0465 | LB  |     | Sweeping Compound For Emergency Clean-up .....                            | 0.69                   |                      |
| 02 90 55 00-0466 | ROL |     | Duct Tape, 2" x 50 YD For Emergency Clean-up .....                        | 15.10                  |                      |
| 02 90 55 00-0467 | ROL |     | Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up .....     | 14.21                  |                      |
| 02 90 55 00-0468 | ROL |     | HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up .....               | 36.46                  |                      |
| 02 90 55 00-0469 | ROL |     | Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up .....  | 20.22                  |                      |
| 02 90 55 00-0470 | ROL |     | Poly Box Tape, 2" x 110 YD For Emergency Clean-up .....                   | 6.24                   |                      |
| 02 90 55 00-0471 | LB  |     | Terry Towels For Emergency Clean-up .....                                 | 8.54                   |                      |
| 02 90 55 00-0472 | GAL |     | Thermal Fog For Emergency Clean-up .....                                  | 94.76                  |                      |
| 02 90 55 00-0473 | ROL |     | 1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up .....       | 46.98                  |                      |
| 02 90 55 00-0474 | ROL |     | 3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up .....         | 109.81                 |                      |
| 02 90 55 00-0475 | ROL |     | 4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up .....         | 140.88                 |                      |
| 02 90 55 00-0476 | ROL |     | 6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up .....         | 187.36                 |                      |
| 02 90 55 00-0477 | EA  |     | Trisodium Phosphate, 20 LB Pail For Emergency Clean-up .....              | 60.48                  |                      |
| 02 90 55 00-0478 | EA  |     | Backpack Vacuum Bags For Emergency Clean-up .....                         | 2.04                   |                      |
| 02 90 55 00-0479 | EA  |     | Upright Vacuum Bags For Emergency Clean-up .....                          | 2.72                   |                      |
| 02 90 55 00-0480 | GAL |     | Vinyl And Leather Cleaner For Emergency Clean-up .....                    | 37.60                  |                      |
| 02 90 55 00-0481 | ROL |     | 1 Mil Visqueen, 12' x 400', For Emergency Clean-up .....                  | 60.87                  |                      |
| 02 90 55 00-0482 | ROL |     | 4 Mil Visqueen, 32' x 100', For Emergency Clean-up .....                  | 165.27                 |                      |
| 02 90 55 00-0483 | ROL |     | 6 Mil Visqueen, 32' x 400', For Emergency Clean-up .....                  | 225.51                 |                      |
| 02 90 55 00-0484 | LB  |     | Wipes, Cotton Cloth For Emergency Clean-up .....                          | 6.39                   |                      |
| 02 90 55 00-0485 | ROL |     | 12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up .....         | 185.62                 |                      |
| 02 90 55 00-0486 | EA  |     | Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up .....                  | 18.80                  |                      |
| 02 90 55 00-0487 | EA  |     | Zip Wall Zippers For Emergency Clean-up .....                             | 28.17                  |                      |
| 02 90 55 00-0488 | EA  |     | Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll ..... | 33.76                  |                      |
|                  |     |     | Note: 3.3 gallon volume absorption capacity per roll                      |                        |                      |
| 02 90 55 00-0489 | EA  |     | Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100 .....            | 50.65                  |                      |
|                  |     |     | Note: 26 OZ volume absorption capacity per pad                            |                        |                      |
| 02 90 55 00-0490 | EA  |     | Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100 .....           | 53.36                  |                      |
|                  |     |     | Note: 33 OZ volume absorption capacity per pad                            |                        |                      |
| 02 90 55 00-0491 | EA  |     | Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100 .....            | 87.12                  |                      |
|                  |     |     | Note: 45 OZ volume absorption capacity per pad                            |                        |                      |
| 02 90 55 00-0492 |     |     | Technical/Electronics Restoration Materials (02 90 55 00-0365)            |                        |                      |
| 02 90 55 00-0493 | EA  |     | Brush - Brass For Emergency Clean-up .....                                | 6.22                   |                      |
| 02 90 55 00-0494 | EA  |     | 1" Brush, Natural Bristle For Emergency Clean-up .....                    | 1.99                   |                      |
| 02 90 55 00-0495 | EA  |     | 1/2" Brush, Natural Bristle For Emergency Clean-up .....                  | 1.66                   |                      |
| 02 90 55 00-0496 | EA  |     | 1/4" Brush, Natural Bristle For Emergency Clean-up .....                  | 1.41                   |                      |
| 02 90 55 00-0497 | EA  |     | Brush - Parts For Emergency Clean-up .....                                | 8.62                   |                      |
| 02 90 55 00-0498 | EA  |     | Brush - Plastic For Emergency Clean-up .....                              | 4.48                   |                      |
| 02 90 55 00-0499 | EA  |     | Brush - Wire Grout For Emergency Clean-up .....                           | 9.87                   |                      |
| 02 90 55 00-0500 | EA  |     | Brushing Tool For Emergency Clean-up .....                                | 19.04                  |                      |
| 02 90 55 00-0501 | EA  |     | Cleaning Swabs, Cotton For Emergency Clean-up .....                       | 0.41                   |                      |
| 02 90 55 00-0502 | EA  |     | Cleaning Swabs, Foam Tip For Emergency Clean-up .....                     | 0.50                   |                      |
| 02 90 55 00-0503 | EA  |     | Contact Restorer, Per Can For Emergency Clean-up .....                    | 37.68                  |                      |
| 02 90 55 00-0504 | EA  |     | Contact Spray, Per Can For Emergency Clean-up .....                       | 25.64                  |                      |
| 02 90 55 00-0505 | UNT |     | Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up .....           | 3.98                   |                      |
| 02 90 55 00-0506 | UNT |     | Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up .....           | 11.39                  |                      |
| 02 90 55 00-0507 | UNT |     | Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up .....          | 14.76                  |                      |
| 02 90 55 00-0508 | LB  |     | Cotton Cleaning Cloths For Emergency Clean-up .....                       | 23.31                  |                      |
| 02 90 55 00-0509 | EA  |     | 12" x 17" Dust Cloths For Emergency Clean-up .....                        | 0.37                   |                      |
| 02 90 55 00-0510 | EA  |     | 24" x 24" Dust Cloths For Emergency Clean-up .....                        | 1.02                   |                      |
| 02 90 55 00-0511 | EA  |     | Deoxidizing Agent, Per Can For Emergency Clean-up .....                   | 18.26                  |                      |
| 02 90 55 00-0512 | GAL |     | Electronic Grade Detergent For Emergency Clean-up .....                   | 42.30                  |                      |
| 02 90 55 00-0513 | SHT |     | Inventory Labels For Emergency Clean-up .....                             | 0.23                   |                      |
| 02 90 55 00-0514 | GAL |     | Isopropyl Alcohol For Emergency Clean-up .....                            | 112.10                 |                      |
| 02 90 55 00-0515 | GAL |     | Lubrication/Penetrating Oil, Per Can For Emergency Clean-up .....         | 169.61                 |                      |
| 02 90 55 00-0516 | GAL |     | PC Board Detergent For Emergency Clean-up .....                           | 106.44                 |                      |
| 02 90 55 00-0517 | GAL |     | Rust Inhibitor, Regular Duty For Emergency Clean-up .....                 | 181.68                 |                      |
| 02 90 55 00-0518 | GAL |     | Rust Inhibitor, Moderate Duty For Emergency Clean-up .....                | 183.05                 |                      |
| 02 90 55 00-0519 | GAL |     | Rust Inhibitor, Severe Duty For Emergency Clean-up .....                  | 195.66                 |                      |
| 02 90 55 00-0520 | LB  |     | Wipes, Lint Free Cloths For Emergency Clean-up .....                      | 7.39                   |                      |
| 02 90 55 00-0521 | EA  |     | Wire Marker Card For Emergency Clean-up .....                             | 2.90                   |                      |
| 02 90 55 00-0522 | EA  |     | Steel Wool, 16 Pad Sleeve For Emergency Clean-up .....                    | 1.59                   |                      |

|    |          |                     |  |
|----|----------|---------------------|--|
| 02 | 02       | Existing Conditions |  |
|    | 02 90    | Disaster Recovery   |  |
|    | 02 90 55 | Emergency Clean-up  |  |



| MINOR |     |             | TOTAL DIRECT | DEMOLITION |
|-------|-----|-------------|--------------|------------|
| CSI   | UOM | DESCRIPTION | UNIT COST    | UNIT COST  |

END OF SECTION 02

NOT FOR BID





|  |                                     |          |  |
|--|-------------------------------------|----------|--|
|  | Concrete                            | 03       |  |
|  | Maintenance of Concrete             | 03 01    |  |
|  | Maintenance of Concrete Reinforcing | 03 01 20 |  |

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 03 Concrete

### 03 01 Maintenance of Concrete (03)

#### 03 01 20 Maintenance of Concrete Reinforcing (03 01)

|                  |                                                                                                                                                                                                                |      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 03 01 20 00-0001 | Rebar Coating (03 01 20)                                                                                                                                                                                       |      |
| 03 01 20 00-0002 | SF 20 Mil Thick, Cementitious Epoxy Resin Compensated 3-Component, Solvent-Free, Coating Material With Corrosion Inhibitor, And Reinforcement Corrosion Protection - Per Coat (Sika® Armatec®-110 EpoCem)..... | 2.51 |

#### 03 01 30 Maintenance of Cast-In-Place Concrete (03 01)

##### 03 01 30 51 Cleaning of Cast-In-Place Concrete (03 01 30)

|                  |                                                                                     |       |
|------------------|-------------------------------------------------------------------------------------|-------|
| 03 01 30 51-0001 | Abrasive Blasting (03 01 30 51)                                                     |       |
|                  | Note: Includes containment and clean-up of all material. Includes steel ball media. |       |
| 03 01 30 51-0002 | SF Concrete Floors, Abrasive Shot (Bead) Blasting.....                              | 3.81  |
|                  | For Up To 100, Add                                                                  | 3.24  |
|                  | For >100 To 250, Add                                                                | 0.81  |
|                  | For >250 To 500, Add                                                                | 0.41  |
|                  | For >5,000 To 10,000, Deduct                                                        | -0.08 |
|                  | For >10,000, Deduct                                                                 | -0.16 |
| 03 01 30 51-0003 | SF Concrete Walls, Abrasive Shot (Bead) Blasting.....                               | 5.42  |
|                  | For Up To 100, Add                                                                  | 6.46  |
|                  | For >100 To 250, Add                                                                | 1.62  |
|                  | For >250 To 500, Add                                                                | 0.81  |
|                  | For >5,000 To 10,000, Deduct                                                        | -0.16 |
|                  | For >10,000, Deduct                                                                 | -0.32 |

##### 03 01 30 71 Rehabilitation of Cast-In-Place Concrete (03 01 30)

|                  |                                                                          |       |
|------------------|--------------------------------------------------------------------------|-------|
| 03 01 30 71-0001 | Concrete Resurfacing/Repair (03 01 30 71)                                |       |
|                  | See CSI section 09 01 90 52-0002 for surface preparation as required.    |       |
| 03 01 30 71-0002 | Concrete Floor Resurfacing (03 01 30 71-0001)                            |       |
| 03 01 30 71-0003 | SF 1/4" Interior Floor Self-leveling, Colored Cementitious Topping ..... | 5.07  |
| 03 01 30 71-0004 | SF 1/2" Interior Floor Self-leveling, Colored Cementitious Topping ..... | 6.97  |
| 03 01 30 71-0005 | SF 1" Interior Floor Self-leveling, Colored Cementitious Topping .....   | 12.99 |

##### 03 01 30 71-0006 Concrete Repair (03 01 30 71-0001)

##### 03 01 30 71-0007 Decks Or Floors (03 01 30 71-0006)

|                  |                                                                                            |       |
|------------------|--------------------------------------------------------------------------------------------|-------|
|                  | Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming. |       |
| 03 01 30 71-0008 | SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar .....                 | 6.33  |
| 03 01 30 71-0009 | SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar .....           | 18.95 |
| 03 01 30 71-0010 | SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate) .....         | 0.55  |

##### 03 01 30 71-0011 Verticals Or Overheads (03 01 30 71-0006)

|                  |                                                                                               |       |
|------------------|-----------------------------------------------------------------------------------------------|-------|
|                  | Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.    |       |
| 03 01 30 71-0012 | SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar .....             | 9.54  |
| 03 01 30 71-0013 | SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar .....       | 26.61 |
| 03 01 30 71-0014 | SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar .....       | 29.79 |
| 03 01 30 71-0015 | SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound .....            | 9.00  |
| 03 01 30 71-0016 | SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound ..... | 15.94 |
|                  | Note: Rapid Set - WunderFixx                                                                  |       |

##### 03 01 30 71-0017 Circular Piers (03 01 30 71-0006)

|                  |                                                                                |       |
|------------------|--------------------------------------------------------------------------------|-------|
| 03 01 30 71-0018 | SF Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound .....  | 12.47 |
| 03 01 30 71-0019 | SF Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound..... | 21.51 |
|                  | Note: Rapid Set - WunderFixx                                                   |       |

##### 03 01 30 71-0020 Soffit Repair (03 01 30 71-0006)

|                  |                                                                                            |       |
|------------------|--------------------------------------------------------------------------------------------|-------|
|                  | Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming. |       |
| 03 01 30 71-0021 | LF Up To 16" Wide Concrete Soffit Repair .....                                             | 19.59 |
| 03 01 30 71-0022 | LF >16" To 20" Wide Concrete Soffit Repair.....                                            | 20.50 |
| 03 01 30 71-0023 | LF >20" To 24" Wide Concrete Soffit Repair.....                                            | 22.35 |
| 03 01 30 71-0024 | LF >24" To 30" Wide Concrete Soffit Repair.....                                            | 24.29 |
| 03 01 30 71-0025 | LF >30" To 36" Wide Concrete Soffit Repair.....                                            | 25.81 |

##### 03 01 30 71-0026 Edge Repair (03 01 30 71-0006)

|                  |                                                                       |       |
|------------------|-----------------------------------------------------------------------|-------|
|                  | Note: Includes mesh. Excludes saw cutting, sand blasting and forming. |       |
| 03 01 30 71-0027 | LF 2" Spall Concrete Edge Repair .....                                | 20.73 |
| 03 01 30 71-0028 | LF 3" Spall Concrete Edge Repair .....                                | 21.75 |

**03 Concrete****03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 01 30 71-0029 | LF  | 4" Spall Concrete Edge Repair .....                                                                                                                                                                                                                                                         | 22.37                     |                         |
| 03 01 30 71-0030 | LF  | 6" Spall Concrete Edge Repair .....                                                                                                                                                                                                                                                         | 23.09                     |                         |
| 03 01 30 71-0031 | LF  | 8" Spall Concrete Edge Repair .....                                                                                                                                                                                                                                                         | 24.38                     |                         |
| 03 01 30 71-0032 | LF  | 9" Spall Concrete Edge Repair .....                                                                                                                                                                                                                                                         | 27.43                     |                         |
| 03 01 30 71-0033 | CF  | Patch Edge, Portland Cement Based Repair Material .....                                                                                                                                                                                                                                     | 174.61                    |                         |
| 03 01 30 71-0034 | CF  | Patch Edge, Rapid Setting Concrete Repair Material .....                                                                                                                                                                                                                                    | 239.69                    |                         |
| 03 01 30 71-0035 | CF  | Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate .....                                                                                                                                                                                                                        | 246.21                    |                         |
| 03 01 30 71-0036 | CF  | Patch Edge, SSI Flex Patch (Other Than Specified) .....                                                                                                                                                                                                                                     | 489.64                    |                         |
| 03 01 30 71-0037 |     | <b>Concrete Materials</b> (03 01 30 71-0006)<br>Note: Excludes saw cutting, sand blasting and forming.                                                                                                                                                                                      |                           |                         |
| 03 01 30 71-0038 | SF  | Sika Ferroguard® 903 .....                                                                                                                                                                                                                                                                  | 1.48                      |                         |
| 03 01 30 71-0039 | SF  | Sika-Guard 701W .....                                                                                                                                                                                                                                                                       | 1.68                      |                         |
| 03 01 30 71-0040 | SF  | Sika 550W Pearl Ash .....                                                                                                                                                                                                                                                                   | 0.97                      |                         |
| 03 01 30 71-0041 | SF  | Sika Top 144 Gray .....                                                                                                                                                                                                                                                                     | 2.36                      |                         |
| 03 01 30 71-0042 |     | <b>Bridge Deck Treatment</b> (03 01 30 71-0006)                                                                                                                                                                                                                                             |                           |                         |
| 03 01 30 71-0043 | SF  | Sweep Bridge Deck .....                                                                                                                                                                                                                                                                     | 0.02                      |                         |
| 03 01 30 71-0044 | SF  | Clean Bridge Deck .....                                                                                                                                                                                                                                                                     | 0.02                      |                         |
| 03 01 30 71-0045 | SF  | Treat Bridge Deck With Methacrylate Resin Sealant .....                                                                                                                                                                                                                                     | 2.24                      |                         |
| 03 01 30 71-0046 |     | <b>Concrete Finishes</b> (03 01 30 71-0001)                                                                                                                                                                                                                                                 |                           |                         |
| 03 01 30 71-0047 |     | <b>Concrete Patching</b> (03 01 30 71-0046)                                                                                                                                                                                                                                                 |                           |                         |
| 03 01 30 71-0048 |     | <b>Walls</b> (03 01 30 71-0047)                                                                                                                                                                                                                                                             |                           |                         |
| 03 01 30 71-0049 | BAG | Sika Top 111 Plus .....                                                                                                                                                                                                                                                                     | 174.17                    |                         |
|                  |     | Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar.<br>Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).                                                            |                           |                         |
|                  |     | For Up To 10, Add .....                                                                                                                                                                                                                                                                     | 63.89                     |                         |
|                  |     | For >10 To 25, Add .....                                                                                                                                                                                                                                                                    | 38.33                     |                         |
|                  |     | For >25 To 50, Add .....                                                                                                                                                                                                                                                                    | 25.56                     |                         |
|                  |     | For >50 To 75, Add .....                                                                                                                                                                                                                                                                    | 12.78                     |                         |
| 03 01 30 71-0050 | BAG | Sika Grout 212, 50 LB Bag .....                                                                                                                                                                                                                                                             | 119.56                    |                         |
|                  |     | Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.                                                                         |                           |                         |
|                  |     | For Up To 10, Add .....                                                                                                                                                                                                                                                                     | 40.45                     |                         |
|                  |     | For >10 To 25, Add .....                                                                                                                                                                                                                                                                    | 24.27                     |                         |
|                  |     | For >25 To 50, Add .....                                                                                                                                                                                                                                                                    | 16.18                     |                         |
|                  |     | For >50 To 75, Add .....                                                                                                                                                                                                                                                                    | 8.09                      |                         |
| 03 01 30 71-0051 | EA  | Sika Flex 1A, 10.3 Ounce Tube .....                                                                                                                                                                                                                                                         | 40.37                     |                         |
|                  |     | Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint. |                           |                         |
| 03 01 30 71-0052 | BAG | Pea Gravel .....                                                                                                                                                                                                                                                                            | 30.66                     |                         |
| 03 01 30 71-0053 | BAG | Sika Top 123, 44 LB Bag .....                                                                                                                                                                                                                                                               | 177.34                    |                         |
| 03 01 30 71-0054 | BAG | Sika Top 121 Plus Kit .....                                                                                                                                                                                                                                                                 | 169.93                    |                         |
|                  |     | Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.                                                                                                                                                                     |                           |                         |
| 03 01 30 71-0055 | BAG | Sika Top 122 Plus Kit .....                                                                                                                                                                                                                                                                 | 188.39                    |                         |
|                  |     | Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 lbs. 3/8" pea gravel).                                                                      |                           |                         |
| 03 01 30 71-0056 | BAG | Sika Top 123 Plus Kit .....                                                                                                                                                                                                                                                                 | 185.07                    |                         |
|                  |     | Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.                                                                                                                                                       |                           |                         |
| 03 01 30 71-0057 |     | <b>Spall Concrete Repair</b> (03 01 30 71-0001)<br>Note: Includes removal of defective concrete with chipping hammers, water blasting, cleaning of rebar, formwork, cementitious mortar, curing, and finishing.                                                                             |                           |                         |
| 03 01 30 71-0058 | SF  | Spall Concrete Repair, Up To 3/4" Deep On Vertical/Overhead Surfaces .....                                                                                                                                                                                                                  | 90.28                     |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 64.53                     |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 32.27                     |                         |
| 03 01 30 71-0059 | SF  | Spall Concrete Repair, >3/4" To 1-1/2" Deep On Vertical/Overhead Surfaces .....                                                                                                                                                                                                             | 104.07                    |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 71.70                     |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 35.85                     |                         |
| 03 01 30 71-0060 | SF  | Spall Concrete Repair, >1-1/2" To 3" Deep On Vertical/Overhead Surfaces .....                                                                                                                                                                                                               | 156.10                    |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 107.54                    |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 53.77                     |                         |
| 03 01 30 71-0061 | SF  | Spall Concrete Repair, >3" To 4" Deep On Vertical/Overhead Surfaces .....                                                                                                                                                                                                                   | 203.36                    |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 139.81                    |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 69.90                     |                         |
| 03 01 30 71-0062 | SF  | Spall Concrete Repair, Up To 3/4" Deep On Floor Surfaces .....                                                                                                                                                                                                                              | 64.46                     |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 45.17                     |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 22.58                     |                         |
| 03 01 30 71-0063 | SF  | Spall Concrete Repair, >3/4" To 1-1/2" Deep On Floor Surfaces .....                                                                                                                                                                                                                         | 75.39                     |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 50.19                     |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 25.10                     |                         |
| 03 01 30 71-0064 | SF  | Spall Concrete Repair, >1-1/2" To 3" Deep On Floor Surfaces .....                                                                                                                                                                                                                           | 113.08                    |                         |
|                  |     | For Up To 100, Add .....                                                                                                                                                                                                                                                                    | 75.28                     |                         |
|                  |     | For >100 To 250, Add .....                                                                                                                                                                                                                                                                  | 37.64                     |                         |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 01 30 71-0065 SF Spall Concrete Repair, >3" To 4" Deep On Floor Surfaces .....<br>For Up To 100, Add .....<br>For >100 To 250, Add .....                                                                                                                                                                                                                                                                                                            | 147.44<br>97.87<br>48.93  |                         |
| 03 01 30 71-0066 Concrete Cleaning (03 01 30 71-0001)                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
| 03 01 30 71-0067 SF Clean Calcite/Staining On Concrete .....                                                                                                                                                                                                                                                                                                                                                                                           | 23.93                     |                         |
| 03 01 30 71-0068 Crack Repair For Concrete (03 01 30 71-0001)                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 03 01 30 71-0069 Non-Structural Crack Repair For Concrete (03 01 30 71-0068)                                                                                                                                                                                                                                                                                                                                                                           |                           |                         |
| 03 01 30 71-0070 Surface Applied, Non-Structural Crack Repair For Concrete (03 01 30 71-0069)<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting,<br>compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc.<br>Excludes backer rod and sanding.                                                                                  |                           |                         |
| 03 01 30 71-0071 LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With<br>Squeeze Tube (Quikrete® Concrete Crack Seal).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                   | 7.00<br>5.60              |                         |
| 03 01 30 71-0072 LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With<br>Squeeze Tube (Quikrete® Concrete Crack Seal).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                | 9.16<br>5.47              |                         |
| 03 01 30 71-0073 LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied<br>With Caulk Gun (Quikrete® Concrete Repair).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                    | 7.14<br>5.60              |                         |
| 03 01 30 71-0074 LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface<br>Applied With Caulk Gun (Quikrete® Concrete Repair).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                 | 9.44<br>5.47              |                         |
| 03 01 30 71-0075 LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete,<br>Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                           | 7.65<br>5.60              |                         |
| 03 01 30 71-0076 LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete,<br>Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                        | 10.45<br>5.47             |                         |
| 03 01 30 71-0077 LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For<br>Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                              | 8.02<br>5.60              |                         |
| 03 01 30 71-0078 LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For<br>Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                           | 11.19<br>5.47             |                         |
| 03 01 30 71-0079 LF Up To 1/4" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) .....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                                                                             | 6.07<br>4.80              |                         |
| 03 01 30 71-0080 LF Up To 1/4" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) .....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                                                                               | 7.27<br>5.60              |                         |
| 03 01 30 71-0081 LF >1/4" To 1/2" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                                                                           | 7.27<br>5.60              |                         |
| 03 01 30 71-0082 LF >1/4" To 1/2" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                                                                             | 9.69<br>7.21              |                         |
| 03 01 30 71-0083 Pressure Injected, Non-Structural Crack Repair For Concrete (03 01 30 71-0069)<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting,<br>compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only),<br>injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal. |                           |                         |
| 03 01 30 71-0084 LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed<br>With Automated Injection Equipment (SealBoss 1570) .....<br>For Cracks Accessible From Both Sides, Add .....                                                                                                                                                                                                      | 31.04<br>6.32             |                         |
| 03 01 30 71-0085 Structural Crack Repair For Concrete (03 01 30 71-0068)                                                                                                                                                                                                                                                                                                                                                                               |                           |                         |
| 03 01 30 71-0086 Surface Applied, Structural Crack Repair For Concrete (03 01 30 71-0085)<br>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting,<br>compressed air or vacuuming. Excludes disposal.                                                                                                                                                                                      |                           |                         |
| 03 01 30 71-0087 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete,<br>Surface Applied With Trowel (Sikadur® 35).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                     | 8.11<br>5.60              |                         |
| 03 01 30 71-0088 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete,<br>Surface Applied With Trowel (Sikadur® 35).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                                  | 11.38<br>5.47             |                         |
| 03 01 30 71-0089 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack<br>Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                       | 7.92<br>5.60              |                         |
| 03 01 30 71-0090 LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack<br>Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                               | 10.98<br>5.47             |                         |
| 03 01 30 71-0091 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete,<br>Surface Applied With Caulk Gun (Sikadur® Crack Fix).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                           | 9.56<br>5.60              |                         |
| 03 01 30 71-0092 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete,<br>Surface Applied With Caulk Gun (Sikadur® Crack Fix).....<br>For V-Grooving Crack With Grinder, Add .....                                                                                                                                                                                                        | 14.29<br>5.47             |                         |

**03 Concrete****03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                                                                                                                                                                                                                                                                                        |       |
|-------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>03 01 30 71-0093</b> |    | <b>Pressure Injected, Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0085)</small>                                                                                                                                                                                                                                       |       |
|                         |    | Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal. |       |
| 03 01 30 71-0094        | LF | Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....                                                                                                                                                                       | 27.08 |
|                         |    | <i>For Cracks Accessible From Both Sides, Add</i> .....                                                                                                                                                                                                                                                                                | 6.32  |
| 03 01 30 71-0095        | LF | Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....                                                                                                                                                    | 26.88 |
|                         |    | <i>For Cracks Accessible From Both Sides, Add</i> .....                                                                                                                                                                                                                                                                                | 6.32  |
| <b>03 01 30 71-0096</b> |    | <b>Surface Applied Polyurethane Elastomeric Sealant (Sikaflex®-2c NS EZ Mix)</b> <small>(03 01 30 71-0068)</small>                                                                                                                                                                                                                     |       |
|                         |    | Note: Includes removing all debris and contaminants accessible within the crack using hand tools, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, etc.                                                                                                                                          |       |
| 03 01 30 71-0097        | LF | 1/4" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 2.81  |
| 03 01 30 71-0098        | LF | 3/8" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 2.97  |
| 03 01 30 71-0099        | LF | 1/2" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 3.18  |
| 03 01 30 71-0100        | LF | 3/8" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 3.23  |
| 03 01 30 71-0101        | LF | 1/2" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 3.51  |
| 03 01 30 71-0102        | LF | 3/4" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 4.75  |
| 03 01 30 71-0103        | LF | 1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 3.92  |
| 03 01 30 71-0104        | LF | 3/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                | 4.48  |
| 03 01 30 71-0105        | LF | 1" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                                  | 5.04  |
| 03 01 30 71-0106        | LF | 1-1/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                              | 5.58  |
| 03 01 30 71-0107        | LF | 1-1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....                                                                                                                                                                                                                              | 6.24  |
| <b>03 01 30 71-0108</b> |    | <b>Carbon Fiber Strengthening System</b> <small>(03 01 30 71-0001)</small>                                                                                                                                                                                                                                                             |       |
|                         |    | Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.                                                                                                                                    |       |
| 03 01 30 71-0109        | SF | Carbon Fiber Strengthening System For Concrete Beams, Per Layer.....                                                                                                                                                                                                                                                                   | 79.61 |
|                         |    | Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.                                                                                                                                                                                                                                                |       |
| 03 01 30 71-0110        | SF | Carbon Fiber Strengthening System For Concrete Columns, Per Layer.....                                                                                                                                                                                                                                                                 | 70.86 |
|                         |    | Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.                                                                                                                                                                                                                                                |       |
| 03 01 30 71-0111        | SF | Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer.....                                                                                                                                                                                                                                                           | 65.94 |
|                         |    | Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.                                                                                                                                                                                                                                                |       |
| 03 01 30 71-0112        | SF | Carbon Fiber Strengthening System For Concrete Walls, Per Layer.....                                                                                                                                                                                                                                                                   | 63.21 |
|                         |    | Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.                                                                                                                                                                                                                                                |       |
| 03 01 30 71-0113        | SF | Carbon Fiber Strengthening System For Concrete Slab, Per Layer.....                                                                                                                                                                                                                                                                    | 59.39 |
|                         |    | Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.                                                                                                                                                                                                                                                |       |
| <b>03 01 30 71-0114</b> |    | <b>High Modulus Carbon Fiber Fabric (V-Wrap™ C200HM)</b> <small>(03 01 30 71-0001)</small>                                                                                                                                                                                                                                             |       |
|                         |    | Note: V-Wrap C200HM is a unidirectional carbon fiber fabric with fiber oriented in the 0° direction. V-Wrap C200HM system is field laminated using two-part 100% solids and high strength structural adhesives.                                                                                                                        |       |
| 03 01 30 71-0115        | SF | 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Columns.....                                                                                                                                                                                                                                                         | 69.56 |
| 03 01 30 71-0116        | SF | 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Ceiling Slabs.....                                                                                                                                                                                                                                                   | 65.38 |
| 03 01 30 71-0117        | SF | 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Walls.....                                                                                                                                                                                                                                                           | 63.05 |
| <b>03 01 30 71-0118</b> |    | <b>Carbon Fiber Strengthening Fabric (SikaWrap)</b> <small>(03 01 30 71-0001)</small>                                                                                                                                                                                                                                                  |       |
| 03 01 30 71-0119        | SF | 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Columns (SikaWrap® Hex-103 C).....                                                                                                                                                                                                                                      | 60.24 |
| 03 01 30 71-0120        | SF | 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Ceiling Slabs (SikaWrap® Hex-103 C).....                                                                                                                                                                                                                                | 56.06 |
| 03 01 30 71-0121        | SF | 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Walls (SikaWrap® Hex-103 C).....                                                                                                                                                                                                                                        | 53.73 |
| 03 01 30 71-0122        | SF | 5 Mil Thick, Water Dispersed, Acrylic, Protective, Anti-Carbonation Coating (Sikagard®-670 W).....                                                                                                                                                                                                                                     | 1.46  |
|                         |    | Note: Adhesive for Carbon fiber wrap application                                                                                                                                                                                                                                                                                       |       |
| <b>03 01 30 71-0123</b> |    | <b>Concrete Rehabilitation</b> <small>(03 01 30 71)</small>                                                                                                                                                                                                                                                                            |       |
| <b>03 01 30 71-0124</b> |    | <b>Corrosive Inhibitor</b> <small>(03 01 30 71-0123)</small>                                                                                                                                                                                                                                                                           |       |
| 03 01 30 71-0125        | SF | Corrosive Inhibitor.....                                                                                                                                                                                                                                                                                                               | 6.02  |
| <b>03 01 30 71-0126</b> |    | <b>Remove Cracked Or Damaged Concrete Surfacing Material</b> <small>(03 01 30 71)</small>                                                                                                                                                                                                                                              |       |
| 03 01 30 71-0127        | SF | Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces.....                                                                                                                                                                                                                                                                          | 19.12 |
|                         |    | Note: Excludes patching materials                                                                                                                                                                                                                                                                                                      |       |
| 03 01 30 71-0128        | SF | Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces.....                                                                                                                                                                                                                                                                 | 25.33 |
|                         |    | Note: Excludes patching materials.                                                                                                                                                                                                                                                                                                     |       |
| 03 01 30 71-0129        | SF | Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces.....                                                                                                                                                                                                                                                                  | 31.55 |
|                         |    | Note: Excludes patching materials.                                                                                                                                                                                                                                                                                                     |       |
| 03 01 30 71-0130        | SF | Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces.....                                                                                                                                                                                                                                                                      | 42.06 |
|                         |    | Note: Excludes patching materials.                                                                                                                                                                                                                                                                                                     |       |
| 03 01 30 71-0131        | SF | Removal Of Concrete <3/4" Deep On Overhead Surfaces.....                                                                                                                                                                                                                                                                               | 38.24 |
|                         |    | Note: Excludes patching materials                                                                                                                                                                                                                                                                                                      |       |
| 03 01 30 71-0132        | SF | Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces.....                                                                                                                                                                                                                                                                      | 50.67 |
|                         |    | Note: Excludes patching materials.                                                                                                                                                                                                                                                                                                     |       |
| 03 01 30 71-0133        | SF | Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces.....                                                                                                                                                                                                                                                                       | 63.09 |
|                         |    | Note: Excludes patching materials.                                                                                                                                                                                                                                                                                                     |       |



| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

|                  |    |                                                               |       |  |
|------------------|----|---------------------------------------------------------------|-------|--|
| 03 01 30 71-0134 | SF | Removal Of Concrete >3" To 4" Deep On Overhead Surfaces ..... | 84.12 |  |
|                  |    | Note: Excludes patching materials.                            |       |  |

**03 01 30 72 Strengthening Of Cast-in-Place Concrete** (03 01 30)

**03 01 30 72-0001 Concrete Surface Repairs** (03 01 30 72)

|                  |    |                                                              |      |  |
|------------------|----|--------------------------------------------------------------|------|--|
| 03 01 30 72-0002 | SF | Sound The Concrete Surface To Locate Delaminated Areas ..... | 0.38 |  |
|------------------|----|--------------------------------------------------------------|------|--|

**03 05 Common Work Results For Concrete** (03)

**03 05 13 Concrete Admixtures** (03 05)

**03 05 13 00-0001 Concrete Admixtures** (03 05 13)

|                  |    |                                                                                                    |        |  |
|------------------|----|----------------------------------------------------------------------------------------------------|--------|--|
| 03 05 13 00-0002 | CY | Low Range Water Reducing (LRWR), Type A Concrete Admixture .....                                   | 6.37   |  |
| 03 05 13 00-0003 | CY | Set Retarding, Type B Concrete Admixture .....                                                     | 4.41   |  |
| 03 05 13 00-0004 | CY | 1% Calcium Chloride Accelerating, Type C Concrete Admixture .....                                  | 6.86   |  |
| 03 05 13 00-0005 | CY | 2% Calcium Chloride Accelerating, Type C Concrete Admixture .....                                  | 13.73  |  |
| 03 05 13 00-0006 | CY | 1% Non-Chloride Accelerating, Type C Concrete Admixture .....                                      | 12.26  |  |
| 03 05 13 00-0007 | CY | 2% Non-Chloride Accelerating, Type C Concrete Admixture .....                                      | 24.52  |  |
| 03 05 13 00-0008 | CY | 1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....            | 5.30   |  |
| 03 05 13 00-0009 | CY | 2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....            | 10.33  |  |
| 03 05 13 00-0010 | CY | 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....          | 7.36   |  |
| 03 05 13 00-0011 | CY | 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....          | 14.71  |  |
| 03 05 13 00-0012 | CY | Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture .....             | 4.90   |  |
| 03 05 13 00-0013 | CY | High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture .....                 | 11.77  |  |
| 03 05 13 00-0014 | CY | 1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture .....     | 10.46  |  |
| 03 05 13 00-0015 | CY | 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture ..... | 15.69  |  |
| 03 05 13 00-0016 | CY | 25 LB/CY Steel Fibers, Concrete Admixture .....                                                    | 46.40  |  |
| 03 05 13 00-0017 | CY | 10% Microsilica (Silica Fume), Concrete Admixture .....                                            | 78.46  |  |
| 03 05 13 00-0018 | CY | Corrosion Inhibiting Concrete Admixture .....                                                      | 29.42  |  |
| 03 05 13 00-0019 | CY | Winter Service Or Heat, Concrete Add .....                                                         | 15.69  |  |
| 03 05 13 00-0020 | CY | Chilled Water, Concrete Add .....                                                                  | 15.69  |  |
| 03 05 13 00-0021 | CY | Subtle Color (See Davis Colors Color Card), Concrete Admixture .....                               | 37.77  |  |
| 03 05 13 00-0022 | CY | Standard Color (See Davis Colors Color Card), Concrete Admixture .....                             | 62.95  |  |
| 03 05 13 00-0023 | CY | Premium Color (See Davis Colors Color Card), Concrete Admixture .....                              | 120.86 |  |
| 03 05 13 00-0024 | CY | Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture .....                        | 167.86 |  |

**03 10 Concrete Forming and Accessories** (03)

**03 11 Concrete Forming** (03 10)

**03 11 13 Structural Cast-In-Place Concrete Forming** (03 11)

Note: Per square foot of formwork.

**03 11 13 00-0001 Wood Formwork** (03 11 13)

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

**03 11 13 00-0002 Foundation Wood Formwork** (03 11 13 00-0001)

Note: For foundation work below or at grade.

|                  |    |                                                                  |       |  |
|------------------|----|------------------------------------------------------------------|-------|--|
| 03 11 13 00-0003 | SF | Continuous Footings Foundation Wood Formwork .....               | 8.05  |  |
|                  |    | For <1,000, Add .....                                            | 1.51  |  |
|                  |    | For Foundations >8' Below Grade, Add .....                       | 1.46  |  |
|                  |    | For Curved Formwork, Add .....                                   | 2.91  |  |
| 03 11 13 00-0004 | SF | Pile Cap, Pier Or Spread Footings Foundation Wood Formwork ..... | 9.59  |  |
|                  |    | For <1,000, Add .....                                            | 1.81  |  |
|                  |    | For Foundations >8' Below Grade, Add .....                       | 1.76  |  |
|                  |    | For Curved Formwork, Add .....                                   | 3.52  |  |
| 03 11 13 00-0005 | SF | Mat Foundation Wood Formwork .....                               | 11.17 |  |
|                  |    | For <1,000, Add .....                                            | 2.13  |  |
|                  |    | For Foundations >8' Below Grade, Add .....                       | 2.07  |  |
|                  |    | For Curved Formwork, Add .....                                   | 4.15  |  |
| 03 11 13 00-0006 | SF | Grade Beams Or Duct Bank Foundation Wood Formwork .....          | 9.28  |  |
|                  |    | For <1,000, Add .....                                            | 1.75  |  |
|                  |    | For Foundations >8' Below Grade, Add .....                       | 1.70  |  |
|                  |    | For Curved Formwork, Add .....                                   | 3.39  |  |
| 03 11 13 00-0007 | SF | Below Grade Walls Foundation Wood Formwork .....                 | 13.13 |  |
|                  |    | Note: Excludes footing .....                                     |       |  |
|                  |    | For <1,000, Add .....                                            | 2.47  |  |
|                  |    | For Foundations >8' Below Grade, Add .....                       | 2.40  |  |
|                  |    | For Curved Formwork, Add .....                                   | 4.79  |  |

**03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork** (03 11 13 00-0001)

|                  |    |                                                           |      |  |
|------------------|----|-----------------------------------------------------------|------|--|
| 03 11 13 00-0009 | LF | Up To 6" High Slab Edge and Block-Out Wood Formwork ..... | 6.21 |  |
|                  |    | For Foundations >8' Below Grade, Add .....                | 1.16 |  |
|                  |    | For Curved Formwork, Add .....                            | 2.32 |  |
|                  |    | For Up To 250, Add .....                                  | 1.19 |  |

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST     | DEMOLITION<br>UNIT COST |
|-------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|
| 03 11 13 00-0010        | LF  | >6" To 12" High Slab Edge and Block-Out Wood Formwork .....<br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i><br><i>For Up To 250, Add</i>                                                              | 8.90<br>1.62<br>3.24<br>1.67  |                         |
| 03 11 13 00-0011        | SF  | >12" High Slab Edge and Block-Out Wood Formwork.....<br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i><br><i>For &lt;1,000, Add</i>                                                                     | 11.53<br>2.10<br>4.20<br>2.17 |                         |
| <b>03 11 13 00-0012</b> |     | <b>Column Wood Formwork</b> (03 11 13 00-0001)                                                                                                                                                                                             |                               |                         |
| 03 11 13 00-0013        | LF  | Up To 8" Square Column Wood Formwork.....                                                                                                                                                                                                  | 48.02                         |                         |
| 03 11 13 00-0014        | LF  | >8" To 12" Square Column Wood Formwork.....                                                                                                                                                                                                | 70.24                         |                         |
| 03 11 13 00-0015        | LF  | >12" To 18" Square Column Wood Formwork.....                                                                                                                                                                                               | 88.38                         |                         |
| 03 11 13 00-0016        | LF  | >18" To 24" Square Column Wood Formwork.....                                                                                                                                                                                               | 126.78                        |                         |
| 03 11 13 00-0017        | LF  | >24" To 36" Square Column Wood Formwork.....                                                                                                                                                                                               | 182.00                        |                         |
| 03 11 13 00-0018        | LF  | >36" To 48" Square Column Wood Formwork.....                                                                                                                                                                                               | 240.55                        |                         |
| <b>03 11 13 00-0019</b> |     | <b>Above Grade Wall Wood Formwork</b> (03 11 13 00-0001)                                                                                                                                                                                   |                               |                         |
| 03 11 13 00-0020        | SF  | Up To 8' High Above Grade Wall Wood Formwork.....<br><i>For Curved Formwork, Add</i><br><i>For &lt;1,000, Add</i>                                                                                                                          | 14.67<br>5.41<br>2.78         |                         |
| 03 11 13 00-0021        | SF  | >8' High Above Grade Wall Wood Formwork .....<br><i>For Curved Formwork, Add</i><br><i>For &lt;1,000, Add</i>                                                                                                                              | 17.35<br>6.41<br>3.29         |                         |
| <b>03 11 13 00-0022</b> |     | <b>Elevated Beam Wood Formwork</b> (03 11 13 00-0001)<br>Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.                                                                    |                               |                         |
| 03 11 13 00-0023        | SF  | Bottom of Elevated Beam Wood Formwork .....<br><i>For Curved Formwork, Add</i><br><i>For &lt;1,000, Add</i>                                                                                                                                | 19.32<br>7.06<br>3.64         |                         |
| 03 11 13 00-0024        | SF  | Vertical Sides of Elevated Beam Wood Formwork .....<br><i>For Curved Formwork, Add</i><br><i>For &lt;1,000, Add</i>                                                                                                                        | 12.18<br>4.50<br>2.31         |                         |
| <b>03 11 13 00-0025</b> |     | <b>Elevated Slab Wood Formwork</b> (03 11 13 00-0001)<br>Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.                                                                    |                               |                         |
| 03 11 13 00-0026        | SF  | Elevated Slab Wood Formwork .....<br><i>For &lt;1,000, Add</i>                                                                                                                                                                             | 11.48<br>2.09                 |                         |
| <b>03 11 13 00-0027</b> |     | <b>Metal Framed Formwork</b> (03 11 13 00-0001)<br>Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips. |                               |                         |
| <b>03 11 13 00-0028</b> |     | <b>Foundation Metal Framed Formwork</b> (03 11 13 00-0027)<br>Note: For foundation work below or at grade.                                                                                                                                 |                               |                         |
| 03 11 13 00-0029        | SF  | Continuous Footings Foundation Metal Framed Formwork.....<br><i>For &lt;1,000, Add</i><br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i>                                                                | 7.48<br>1.37<br>1.31<br>2.61  |                         |
| 03 11 13 00-0030        | SF  | Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork.....<br><i>For &lt;1,000, Add</i><br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i>                                                  | 8.29<br>1.53<br>1.47<br>2.93  |                         |
| 03 11 13 00-0031        | SF  | Mat Foundation Metal Framed Formwork.....<br><i>For &lt;1,000, Add</i><br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i>                                                                                | 9.29<br>1.70<br>1.62<br>3.24  |                         |
| 03 11 13 00-0032        | SF  | Grade Beams Or Duct Bank Foundation Metal Framed Formwork .....<br><i>For &lt;1,000, Add</i><br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i>                                                          | 7.84<br>1.43<br>1.36<br>2.72  |                         |
| 03 11 13 00-0033        | SF  | Below Grade Walls Foundation Metal Framed Formwork.....<br>Note: Excludes footing.<br><i>For &lt;1,000, Add</i><br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i>                                       | 11.92<br>2.21<br>2.13<br>4.26 |                         |
| <b>03 11 13 00-0034</b> |     | <b>Slab Edge And Block-Out Metal Framed Formwork</b> (03 11 13 00-0027)                                                                                                                                                                    |                               |                         |
| 03 11 13 00-0035        | LF  | Up To 6" High Slab Edge and Block-Out Metal Framed Formwork .....<br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i><br><i>For &lt;250, Add</i>                                                          | 5.42<br>1.06<br>2.11<br>1.07  |                         |
| 03 11 13 00-0036        | LF  | >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....<br><i>For Foundations &gt;8' Below Grade, Add</i><br><i>For Curved Formwork, Add</i><br><i>For &lt;250, Add</i>                                                         | 6.78<br>1.31<br>2.62<br>1.33  |                         |



|  |                                         |              |  |
|--|-----------------------------------------|--------------|--|
|  | <b>Concrete</b>                         | <b>03</b>    |  |
|  | <b>Concrete Forming and Accessories</b> | <b>03 10</b> |  |
|  | <b>Concrete Forming</b>                 | <b>03 11</b> |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                            | TOTAL DIRECT<br>UNIT COST    | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| 03 11 13 00-0037 SF >12" High Slab Edge and Block-Out Metal Framed Formwork.....<br>For Foundations >8' Below Grade, Add<br>For Curved Formwork, Add<br>For <1,000, Add | 7.51<br>1.45<br>2.90<br>1.47 |                         |
| <b>03 11 13 00-0038 Column Metal Framed Formwork (03 11 13 00-0027)</b>                                                                                                 |                              |                         |
| <b>03 11 13 00-0039 Square Columns (03 11 13 00-0038)</b>                                                                                                               |                              |                         |
| 03 11 13 00-0040 LF Up To 12" Square Column Metal Framed Formwork.....                                                                                                  | 46.47                        |                         |
| 03 11 13 00-0041 LF >12" To 16" Square Column Metal Framed Formwork.....                                                                                                | 56.17                        |                         |
| 03 11 13 00-0042 LF >16" To 20" Square Column Metal Framed Formwork.....                                                                                                | 65.90                        |                         |
| 03 11 13 00-0043 LF >20" To 24" Square Column Metal Framed Formwork.....                                                                                                | 78.73                        |                         |
| 03 11 13 00-0044 LF >24" To 30" Square Column Metal Framed Formwork.....                                                                                                | 94.86                        |                         |
| 03 11 13 00-0045 LF >30" To 36" Square Column Metal Framed Formwork.....                                                                                                | 113.91                       |                         |
| 03 11 13 00-0046 LF >36" To 48" Square Column Metal Framed Formwork.....                                                                                                | 146.17                       |                         |
| 03 11 13 00-0047 LF >48" To 60" Square Column Metal Framed Formwork.....                                                                                                | 180.31                       |                         |
| <b>03 11 13 00-0048 Round Columns (03 11 13 00-0038)</b>                                                                                                                |                              |                         |
| 03 11 13 00-0049 LF Up To 12" Diameter Column Metal Formwork.....                                                                                                       | 46.02                        |                         |
| 03 11 13 00-0050 LF >12" To 16" Diameter Column Metal Formwork.....                                                                                                     | 51.16                        |                         |
| 03 11 13 00-0051 LF >16" To 20" Diameter Column Metal Formwork.....                                                                                                     | 58.70                        |                         |
| 03 11 13 00-0052 LF >20" To 24" Diameter Column Metal Formwork.....                                                                                                     | 68.37                        |                         |
| 03 11 13 00-0053 LF >24" To 30" Diameter Column Metal Formwork.....                                                                                                     | 80.70                        |                         |
| 03 11 13 00-0054 LF >30" To 36" Diameter Column Metal Formwork.....                                                                                                     | 92.39                        |                         |
| 03 11 13 00-0055 LF >36" To 48" Diameter Column Metal Formwork.....                                                                                                     | 119.91                       |                         |
| 03 11 13 00-0056 LF >48" To 60" Diameter Column Metal Formwork.....                                                                                                     | 156.79                       |                         |
| <b>03 11 13 00-0057 Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)</b>                                                                                       |                              |                         |
| 03 11 13 00-0058 SF Up to 8' High Above Grade Wall Metal Framed Formwork.....<br>For Curved Formwork, Add<br>For <1,000, Add                                            | 7.36<br>2.43<br>1.30         |                         |
| 03 11 13 00-0059 SF >8' High Above Grade Wall Metal Framed Formwork.....<br>For Curved Formwork, Add<br>For <1,000, Add                                                 | 8.99<br>2.93<br>1.58         |                         |
| <b>03 11 13 00-0060 Elevated Beam Metal Framed Formwork (03 11 13 00-0027)</b>                                                                                          |                              |                         |
| Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.                                                          |                              |                         |
| 03 11 13 00-0061 SF Bottom of Elevated Beam Metal Framed Formwork.....<br>For Curved Formwork, Add<br>For <1,000, Add                                                   | 7.45<br>2.28<br>1.26         |                         |
| 03 11 13 00-0062 SF Vertical Sides of Elevated Beam Metal Framed Formwork.....<br>For Curved Formwork, Add<br>For <1,000, Add                                           | 5.49<br>1.78<br>0.96         |                         |
| <b>03 11 13 00-0063 Elevated Slab Metal Framed Formwork (03 11 13 00-0027)</b>                                                                                          |                              |                         |
| Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.                                                          |                              |                         |
| 03 11 13 00-0064 SF Elevated Slab Metal Framed Formwork.....<br>For <1,000, Add                                                                                         | 10.42<br>1.56                |                         |
| <b>03 11 13 00-0065 Fiber Tube Formwork (03 11 13)</b>                                                                                                                  |                              |                         |
| Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.                                                                       |                              |                         |
| <b>03 11 13 00-0066 Round Column Fiber Tube Formwork (03 11 13 00-0065)</b>                                                                                             |                              |                         |
| 03 11 13 00-0067 LF 6" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                             | 19.41<br>0.80<br>1.94        |                         |
| 03 11 13 00-0068 LF 8" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                             | 20.54<br>0.95<br>2.05        |                         |
| 03 11 13 00-0069 LF 10" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 22.86<br>1.15<br>2.29        |                         |
| 03 11 13 00-0070 LF 12" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 28.43<br>2.03<br>2.84        |                         |
| 03 11 13 00-0071 LF 14" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 32.02<br>2.58<br>3.20        |                         |
| 03 11 13 00-0072 LF 16" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 34.97<br>3.21<br>3.50        |                         |
| 03 11 13 00-0073 LF 18" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 37.73<br>3.76<br>3.77        |                         |
| 03 11 13 00-0074 LF 20" Diameter Round Fiber Tube Formwork.....<br>For Plastic Lined, Add<br>For Columns >12' In Length, Add                                            | 43.17<br>5.11<br>4.32        |                         |

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 11 13 00-0075 | LF  | 22" Diameter Round Fiber Tube Formwork .....                                                         | 45.17                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 5.32                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 4.52                      |                         |
| 03 11 13 00-0076 | LF  | 24" Diameter Round Fiber Tube Formwork .....                                                         | 47.46                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 5.61                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 4.75                      |                         |
| 03 11 13 00-0077 | LF  | 26" Diameter Round Fiber Tube Formwork .....                                                         | 49.46                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 6.05                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 4.95                      |                         |
| 03 11 13 00-0078 | LF  | 28" Diameter Round Fiber Tube Formwork .....                                                         | 51.45                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 6.50                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 5.15                      |                         |
| 03 11 13 00-0079 | LF  | 30" Diameter Round Fiber Tube Formwork .....                                                         | 53.45                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 6.94                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 5.35                      |                         |
| 03 11 13 00-0080 | LF  | 36" Diameter Round Fiber Tube Formwork .....                                                         | 61.98                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 8.93                      |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 6.20                      |                         |
| 03 11 13 00-0081 | LF  | 42" Diameter Round Fiber Tube Formwork .....                                                         | 98.81                     |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 19.57                     |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 9.88                      |                         |
| 03 11 13 00-0082 | LF  | 48" Diameter Round Fiber Tube Formwork .....                                                         | 120.80                    |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 25.76                     |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 12.08                     |                         |
| 03 11 13 00-0083 | LF  | 54" Diameter Round Fiber Tube Formwork .....                                                         | 219.66                    |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 54.76                     |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 21.97                     |                         |
| 03 11 13 00-0084 | LF  | 60" Diameter Round Fiber Tube Formwork .....                                                         | 244.80                    |                         |
|                  |     | For Plastic Lined, Add .....                                                                         | 61.80                     |                         |
|                  |     | For Columns >12' In Length, Add .....                                                                | 24.48                     |                         |
| 03 11 13 00-0085 |     | Accessories For Formwork (03 11 13) .....                                                            |                           |                         |
| 03 11 13 00-0086 |     | Keyway Forms, All Materials (03 11 13 00-0085) .....                                                 |                           |                         |
| 03 11 13 00-0087 | LF  | 2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials .....                           | 2.16                      |                         |
| 03 11 13 00-0088 |     | Chamfer Strips, All Materials (03 11 13 00-0085) .....                                               |                           |                         |
| 03 11 13 00-0089 | LF  | 1/2" Wide Chamfer Strips for Concrete Formwork, All Materials .....                                  | 2.29                      |                         |
| 03 11 13 00-0090 | LF  | 3/4" Wide Chamfer Strips for Concrete Formwork, All Materials .....                                  | 2.65                      |                         |
| 03 11 13 00-0091 | LF  | 1" Wide Chamfer Strips for Concrete Formwork, All Materials .....                                    | 3.07                      |                         |
| 03 11 13 00-0092 |     | Strip Out Reglets For Concrete Formwork (03 11 13 00-0085) .....                                     |                           |                         |
| 03 11 13 00-0093 | LF  | 24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork .....                       | 11.99                     |                         |
| 03 11 13 00-0094 |     | Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0085) .....                                  |                           |                         |
| 03 11 13 00-0095 | EA  | 2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                    | 15.23                     |                         |
| 03 11 13 00-0096 | EA  | 4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                    | 19.50                     |                         |
| 03 11 13 00-0097 | EA  | 6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                    | 23.70                     |                         |
| 03 11 13 00-0098 | EA  | 8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                    | 28.86                     |                         |
| 03 11 13 00-0099 | EA  | 12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                   | 37.76                     |                         |
| 03 11 13 00-0100 | EA  | 18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....                   | 98.44                     |                         |
| 03 11 16         |     | Architectural Cast-In-Place Concrete Forming (03 11) .....                                           |                           |                         |
| 03 11 16 13      |     | Concrete Form Liners (03 11 16) .....                                                                |                           |                         |
| 03 11 16 13-0001 |     | Concrete Form Liners (03 11 16 13) .....                                                             |                           |                         |
| 03 11 16 13-0002 | SF  | Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork .....                     | 5.40                      |                         |
| 03 11 16 13-0003 | SF  | Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork .....          | 7.28                      |                         |
| 03 11 16 13-0004 | SF  | Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork .....           | 9.59                      |                         |
| 03 11 23         |     | Permanent Stair Forming (03 11) .....                                                                |                           |                         |
| 03 11 23 00-0001 |     | Stairway Wood Formwork (03 11 23) .....                                                              |                           |                         |
| 03 11 23 00-0002 | SF  | Cast On Grade Stairway Wood Formwork .....                                                           | 18.62                     |                         |
|                  |     | For Curved Formwork, Add .....                                                                       | 7.18                      |                         |
|                  |     | For <1,000, Add .....                                                                                | 3.64                      |                         |
| 03 11 23 00-0003 | SF  | Elevated Stairway Wood Formwork .....                                                                | 37.01                     |                         |
|                  |     | Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. |                           |                         |
|                  |     | For Curved Formwork, Add .....                                                                       | 13.97                     |                         |
|                  |     | For <1,000, Add .....                                                                                | 7.12                      |                         |
| 03 11 23 00-0004 |     | Stairway Metal Framed Formwork (03 11 23) .....                                                      |                           |                         |
| 03 11 23 00-0005 | SF  | Cast On Grade Stairway Metal Framed Formwork .....                                                   | 15.52                     |                         |
|                  |     | For Curved Formwork, Add .....                                                                       | 5.86                      |                         |
|                  |     | For <1,000, Add .....                                                                                | 2.99                      |                         |





|  |  |                                  |       |   |
|--|--|----------------------------------|-------|---|
|  |  | Concrete                         | 03    | 3 |
|  |  | Concrete Forming and Accessories | 03 10 |   |
|  |  | Concrete Forming                 | 03 11 |   |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

|                  |    |  |                                                                                                      |       |  |
|------------------|----|--|------------------------------------------------------------------------------------------------------|-------|--|
| 03 11 23 00-0006 | SF |  | Elevated Stairway Metal Framed Formwork.....                                                         | 28.83 |  |
|                  |    |  | Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair. |       |  |
|                  |    |  | For Curved Formwork, Add                                                                             | 10.88 |  |
|                  |    |  | For <1,000, Add                                                                                      | 5.55  |  |

### 03 15 Concrete Accessories (03 10)

#### 03 15 13 Waterstops (03 15)

##### 03 15 13 13 Non-Expanding Waterstops (03 15 13)

##### 03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13)

|                  |    |                                                                                       |       |  |
|------------------|----|---------------------------------------------------------------------------------------|-------|--|
| 03 15 13 13-0002 | LF | 3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....                  | 9.86  |  |
| 03 15 13 13-0003 | LF | 3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....                  | 11.41 |  |
| 03 15 13 13-0004 | LF | 3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb..... | 14.54 |  |
| 03 15 13 13-0005 | LF | 3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....  | 16.36 |  |
| 03 15 13 13-0006 | LF | 1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....                   | 28.02 |  |
| 03 15 13 13-0007 | LF | 3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....                | 12.73 |  |
| 03 15 13 13-0008 | LF | 3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....                 | 15.35 |  |
| 03 15 13 13-0009 | LF | 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop.....                    | 31.24 |  |
| 03 15 13 13-0010 | LF | 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....   | 23.23 |  |

##### 03 15 13 13-0011 Rubber Waterstops (03 15 13)

|                  |    |                                                              |       |  |
|------------------|----|--------------------------------------------------------------|-------|--|
| 03 15 13 13-0012 | LF | 3/8" Thick x 6" Wide Rubber Dumbbell Waterstop.....          | 9.64  |  |
| 03 15 13 13-0013 | LF | 3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....          | 11.07 |  |
| 03 15 13 13-0014 | LF | 1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb..... | 10.13 |  |
| 03 15 13 13-0015 | LF | 1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb..... | 13.94 |  |
| 03 15 13 13-0016 | LF | 3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb..... | 11.51 |  |
| 03 15 13 13-0017 | LF | 3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb..... | 14.77 |  |

##### 03 15 13 16 Expanding Waterstops (03 15 13)

##### 03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)

|                  |    |                                        |       |  |
|------------------|----|----------------------------------------|-------|--|
| 03 15 13 16-0002 | LF | 3/4" x 3/8" Bentonite Waterstop.....   | 9.39  |  |
| 03 15 13 16-0003 | LF | 1-1/4" x 1/2" Bentonite Waterstop..... | 15.43 |  |
| 03 15 13 16-0004 | LF | 1" x 3/4" Bentonite Waterstop.....     | 17.61 |  |
| 03 15 13 16-0005 | LF | 1" x 1" Bentonite Waterstop.....       | 20.50 |  |

#### 03 15 16 Concrete Construction Joints (03 15)

##### 03 15 16 00-0001 Poured Expansion Joint (03 15 16)

|                  |    |                                                                                       |       |      |
|------------------|----|---------------------------------------------------------------------------------------|-------|------|
| 03 15 16 00-0002 | LF | 1/2" x 1" Plain Asphalt Expansion Joint, Poured.....                                  | 3.35  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.62  |      |
| 03 15 16 00-0003 | LF | 1" x 2" Plain Asphalt Expansion Joint, Poured.....                                    | 7.23  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.82  |      |
| 03 15 16 00-0004 | LF | 1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....                  | 3.26  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.62  |      |
| 03 15 16 00-0005 | LF | 1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....                    | 6.85  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.82  |      |
| 03 15 16 00-0006 | LF | 1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts.....                          | 4.47  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.82  |      |
| 03 15 16 00-0007 | LF | 1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts.....                    | 8.00  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 2.96  |      |
| 03 15 16 00-0008 | LF | 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied.....        | 3.69  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.62  |      |
| 03 15 16 00-0009 | LF | 1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant..... | 4.48  | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.62  |      |
| 03 15 16 00-0010 | LF | 1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant.....   | 11.33 | 0.97 |
|                  |    | For Installation In Walls, Add                                                        | 1.82  |      |

##### 03 15 16 00-0011 Premolded Expansion Joints (03 15 16)

##### 03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)

|                  |    |                                                                    |      |      |
|------------------|----|--------------------------------------------------------------------|------|------|
| 03 15 16 00-0013 | LF | 1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.35 | 1.09 |
| 03 15 16 00-0014 | LF | 1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.70 | 1.14 |
| 03 15 16 00-0015 | LF | 1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.91 | 1.20 |
| 03 15 16 00-0016 | LF | 1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.14 | 1.25 |
| 03 15 16 00-0017 | LF | 3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.56 | 1.09 |
| 03 15 16 00-0018 | LF | 3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.87 | 1.14 |
| 03 15 16 00-0019 | LF | 3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.23 | 1.20 |
| 03 15 16 00-0020 | LF | 3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.75 | 1.25 |
| 03 15 16 00-0021 | LF | 1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.33 | 1.03 |
| 03 15 16 00-0022 | LF | 1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.53 | 1.09 |
| 03 15 16 00-0023 | LF | 1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 2.79 | 1.14 |
| 03 15 16 00-0024 | LF | 1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.00 | 1.20 |
| 03 15 16 00-0025 | LF | 1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.26 | 1.25 |
| 03 15 16 00-0026 | LF | 1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint.....  | 3.62 | 1.30 |
| 03 15 16 00-0027 | LF | 1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint..... | 3.89 | 1.36 |

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 15 16 00-0028 LF 1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint .....                                                                                                                                                                                                                     | 4.37                      | 1.41                    |
| 03 15 16 00-0029 LF 3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint .....                                                                                                                                                                                                                      | 2.80                      | 1.14                    |
| 03 15 16 00-0030 LF 3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint .....                                                                                                                                                                                                                      | 3.22                      | 1.20                    |
| 03 15 16 00-0031 LF 3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint .....                                                                                                                                                                                                                      | 3.95                      | 1.30                    |
| 03 15 16 00-0032 SF 1" Asphalt Saturated Fiber, Premolded Expansion Joint .....                                                                                                                                                                                                                             | 6.84                      | 1.79                    |
| <b>03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)</b>                                                                                                                                                                                                                                 |                           |                         |
| 03 15 16 00-0034 LF 1/2" x 4" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                         | 4.03                      | 1.14                    |
| 03 15 16 00-0035 LF 1/2" x 6" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                         | 4.54                      | 1.25                    |
| 03 15 16 00-0036 LF 1/2" x 8" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                         | 4.94                      | 1.30                    |
| 03 15 16 00-0037 LF 1/2" x 10" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                        | 6.93                      | 1.36                    |
| 03 15 16 00-0038 LF 1/2" x 12" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                        | 7.37                      | 1.41                    |
| 03 15 16 00-0039 SF 1/2" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                              | 8.14                      | 1.79                    |
| 03 15 16 00-0040 SF 3/4" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                              | 9.44                      | 1.79                    |
| 03 15 16 00-0041 SF 1" Cork, Premolded Expansion Joint .....                                                                                                                                                                                                                                                | 10.05                     | 1.79                    |
| <b>03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)</b>                                                                                                                                                                                                           |                           |                         |
| 03 15 16 00-0043 LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.55                      | 1.14                    |
| 03 15 16 00-0044 LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.67                      | 1.20                    |
| 03 15 16 00-0045 LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.82                      | 1.25                    |
| 03 15 16 00-0046 LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 3.28                      | 1.30                    |
| 03 15 16 00-0047 LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.63                      | 1.14                    |
| 03 15 16 00-0048 LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.75                      | 1.20                    |
| 03 15 16 00-0049 LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 2.87                      | 1.25                    |
| 03 15 16 00-0050 LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....                                                                                                                                                                                                                   | 3.15                      | 1.30                    |
| <b>03 15 16 00-0051 Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)</b>                                                                                                                                                                                                                            |                           |                         |
| 03 15 16 00-0052 LF 1" Zip Strip, Premolded Expansion Joint .....                                                                                                                                                                                                                                           | 2.58                      | 1.14                    |
| 03 15 16 00-0053 LF 1-1/2" Zip Strip, Premolded Expansion Joint .....                                                                                                                                                                                                                                       | 2.82                      | 1.20                    |
| 03 15 16 00-0054 LF 2" Zip Strip, Premolded Expansion Joint .....                                                                                                                                                                                                                                           | 3.14                      | 1.30                    |
| <b>03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)</b>                                                                                                                                                                                                                        |                           |                         |
| 03 15 16 00-0056 LF 1/2" x 4" Sponge Rubber, Premolded Expansion Joint .....                                                                                                                                                                                                                                | 4.48                      | 1.09                    |
| 03 15 16 00-0057 LF 1/2" x 6" Sponge Rubber, Premolded Expansion Joint .....                                                                                                                                                                                                                                | 5.37                      | 1.09                    |
| <b>03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker (03 15 16)</b>                                                                                                                                                                                                                              |                           |                         |
| 03 15 16 00-0059 SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....                                                                                                                                                                                                                                | 1.25                      | 0.82                    |
| >1,250, Deduct                                                                                                                                                                                                                                                                                              | -0.06                     |                         |
| 03 15 16 00-0060 SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....                                                                                                                                                                                                                                | 1.17                      | 0.82                    |
| >1,250, Deduct                                                                                                                                                                                                                                                                                              | -0.06                     |                         |
| <b>03 15 16 00-0061 Keyed Cold Expansion And Control Joints (03 15 16)</b>                                                                                                                                                                                                                                  |                           |                         |
| <b>03 15 16 00-0062 24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)</b>                                                                                                                                                                                                                            |                           |                         |
| 03 15 16 00-0063 LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....                                                                                                                                                                                                      | 6.09                      |                         |
| 03 15 16 00-0064 LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....                                                                                                                                                                                                      | 6.18                      |                         |
| 03 15 16 00-0065 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....                                                                                                                                                                                                      | 6.39                      |                         |
| 03 15 16 00-0066 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....                                                                                                                                                                                                      | 6.75                      |                         |
| 03 15 16 00-0067 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....                                                                                                                                                                                                      | 8.26                      |                         |
| <b>03 15 16 00-0068 Expansion Control Systems (03 15 16)</b>                                                                                                                                                                                                                                                |                           |                         |
| <b>03 15 16 00-0069 Wabo Jeene "FW" Traffic Series Expansion Control System (03 15 16 00-0068)</b>                                                                                                                                                                                                          |                           |                         |
| Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation. |                           |                         |
| 03 15 16 00-0070 LF 1" x 1-1/4" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                     | 92.03                     | 6.56                    |
| Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                       |                           |                         |
| 03 15 16 00-0071 LF 1-5/8" x 2" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                     | 113.83                    | 7.43                    |
| Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                       |                           |                         |
| 03 15 16 00-0072 LF 2" x 2-1/2" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                     | 132.05                    | 8.19                    |
| Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                       |                           |                         |
| 03 15 16 00-0073 LF 2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                 | 157.55                    | 9.07                    |
| Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                       |                           |                         |
| 03 15 16 00-0074 LF 3" x 3-3/4" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                     | 198.28                    | 9.94                    |
| Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                       |                           |                         |
| 03 15 16 00-0075 LF 3-7/8" x 5" Jeene "FW" Expansion Joint System .....                                                                                                                                                                                                                                     | 234.66                    | 10.72                   |
| Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                      |                           |                         |



|                                  |  |  |       |   |
|----------------------------------|--|--|-------|---|
| Concrete                         |  |  | 03    | 3 |
| Concrete Forming and Accessories |  |  | 03 10 |   |
| Concrete Accessories             |  |  | 03 15 |   |

| MINOR               |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | TOTAL DIRECT | DEMOLITION |
|---------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|------------|
| CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | UNIT COST    | UNIT COST  |
| 03 15 16 00-0076    | LF | 5" x 6-1/8" Jeene "FW" Expansion Joint System .....<br>Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 384.41       | 11.59      |
| 03 15 16 00-0077    |    | <b>Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System</b> (03 15 16 00-0068)<br>Note: Wabo®ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals. |  |              |            |
| 03 15 16 00-0078    | LF | 1-1/2" ElastoFlex "EFJ" Expansion Joint System .....<br>Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 174.78       | 8.68       |
| 03 15 16 00-0079    | LF | 2-1/2" ElastoFlex "EFJ" Expansion Joint System .....<br>Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 217.23       | 10.85      |
| 03 15 16 00-0080    | LF | 3-3/4" ElastoFlex "EFJ" Expansion Joint System .....<br>Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 272.84       | 13.02      |
| 03 15 16 00-0081    | LF | 1-1/2" ElastoFlex "EFJ-C" Expansion Joint System .....<br>Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 133.20       | 8.68       |
| 03 15 16 00-0082    | LF | 2-1/2" ElastoFlex "EFJ-C" Expansion Joint System .....<br>Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 173.21       | 10.85      |
| 03 15 16 00-0083    | LF | 3-3/4" ElastoFlex "EFJ-C" Expansion Joint System .....<br>Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 231.25       | 13.02      |
| 03 15 16 00-0084    |    | <b>Emseal Seismic Colorseal Expansion Joint System</b> (03 15 16 00-0068)<br>Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.                                                                                                                                                                                                                                  |  |              |            |
| 03 15 16 00-0085    | LF | 1" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 57.88        | 4.37       |
| 03 15 16 00-0086    | LF | 1-1/2" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 85.89        | 5.03       |
| 03 15 16 00-0087    | LF | 2" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 118.87       | 5.68       |
| 03 15 16 00-0088    | LF | 2-1/2" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 147.39       | 6.23       |
| 03 15 16 00-0089    | LF | 3" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 181.62       | 6.88       |
| 03 15 16 00-0090    | LF | 3-1/2" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 223.90       | 7.54       |
| 03 15 16 00-0091    | LF | 4" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 268.68       | 8.19       |
| 03 15 16 00-0092    | LF | 4-1/2" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 309.00       | 8.74       |
| 03 15 16 00-0093    | LF | 5" Seismic Colorseal Expansion Joint System .....<br>Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 351.29       | 9.40       |
| 03 15 16 00-0094    |    | <b>Emseal Thermaflex Watertight Expansion Joint System</b> (03 15 16 00-0068)<br>Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.                                                                                                                                                                                                                                                                         |  |              |            |
| 03 15 16 00-0095    | LF | 1-1/2" Thermaflex TM Expansion Joint System .....<br>Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 98.38        | 6.51       |
| 03 15 16 00-0096    | LF | 2-1/2" Thermaflex TM Expansion Joint System .....<br>Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 105.05       | 7.59       |
| 03 15 16 00-0097    | EA | Thermaflex TM Fittings Expansion Joint System .....<br>Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 504.70       | 21.70      |

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**03 15 19 Cast-In Concrete Anchors (03 15)****03 15 19 00-0001 Cast In Place Anchors (03 15 19)**

Note: For cast in place installations. Includes nut and washer.

**03 15 19 00-0002 J-Type Anchor Bolts (03 15 19 00-0001)**

See CSI section 03 11 13 00-0002 for template.

**03 15 19 00-0003 1/2" And 5/8" Diameter (03 15 19 00-0002)**

|                  |                                                                              |       |
|------------------|------------------------------------------------------------------------------|-------|
| 03 15 19 00-0004 | EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt  | 13.10 |
|                  | For Galvanized, Add                                                          | 3.47  |
|                  | For Stainless Steel, Add                                                     | 24.29 |
|                  | For >10 To 50, Deduct                                                        | -0.31 |
|                  | For >50 To 100, Deduct                                                       | -0.79 |
|                  | For >100, Deduct                                                             | -1.58 |
| 03 15 19 00-0005 | EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 15.48 |
|                  | For Galvanized, Add                                                          | 4.42  |
|                  | For Stainless Steel, Add                                                     | 30.94 |
|                  | For >10 To 50, Deduct                                                        | -0.33 |
|                  | For >50 To 100, Deduct                                                       | -0.89 |
|                  | For >100, Deduct                                                             | -1.77 |
| 03 15 19 00-0006 | EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 19.37 |
|                  | For Galvanized, Add                                                          | 6.09  |
|                  | For Stainless Steel, Add                                                     | 42.63 |
|                  | For >10 To 50, Deduct                                                        | -0.36 |
|                  | For >50 To 100, Deduct                                                       | -1.02 |
|                  | For >100, Deduct                                                             | -2.05 |
| 03 15 19 00-0007 | EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 23.10 |
|                  | For Galvanized, Add                                                          | 7.96  |
|                  | For Stainless Steel, Add                                                     | 55.69 |
|                  | For >10 To 50, Deduct                                                        | -0.36 |
|                  | For >50 To 100, Deduct                                                       | -1.12 |
|                  | For >100, Deduct                                                             | -2.23 |
| 03 15 19 00-0008 | EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 29.09 |
|                  | For Galvanized, Add                                                          | 10.62 |
|                  | For Stainless Steel, Add                                                     | 74.34 |
|                  | For >10 To 50, Deduct                                                        | -0.39 |
|                  | For >50 To 100, Deduct                                                       | -1.32 |
|                  | For >100, Deduct                                                             | -2.63 |
| 03 15 19 00-0009 | EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 32.90 |
|                  | For Galvanized, Add                                                          | 12.14 |
|                  | For Stainless Steel, Add                                                     | 84.95 |
|                  | For >10 To 50, Deduct                                                        | -0.43 |
|                  | For >50 To 100, Deduct                                                       | -1.47 |
|                  | For >100, Deduct                                                             | -2.94 |

**03 15 19 00-0010 3/4" And 7/8" Diameter (03 15 19 00-0002)**

|                  |                                                                              |        |
|------------------|------------------------------------------------------------------------------|--------|
| 03 15 19 00-0011 | EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt  | 32.73  |
|                  | For Galvanized, Add                                                          | 12.05  |
|                  | For Stainless Steel, Add                                                     | 84.35  |
|                  | For >10 To 50, Deduct                                                        | -0.43  |
|                  | For >50 To 100, Deduct                                                       | -1.47  |
|                  | For >100, Deduct                                                             | -2.93  |
| 03 15 19 00-0012 | EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 37.68  |
|                  | For Galvanized, Add                                                          | 14.05  |
|                  | For Stainless Steel, Add                                                     | 98.32  |
|                  | For >10 To 50, Deduct                                                        | -0.48  |
|                  | For >50 To 100, Deduct                                                       | -1.66  |
|                  | For >100, Deduct                                                             | -3.32  |
| 03 15 19 00-0013 | EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 46.77  |
|                  | For Galvanized, Add                                                          | 17.99  |
|                  | For Stainless Steel, Add                                                     | 125.93 |
|                  | For >10 To 50, Deduct                                                        | -0.54  |
|                  | For >50 To 100, Deduct                                                       | -1.98  |
|                  | For >100, Deduct                                                             | -3.96  |
| 03 15 19 00-0014 | EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 57.43  |
|                  | For Galvanized, Add                                                          | 22.67  |
|                  | For Stainless Steel, Add                                                     | 158.69 |
|                  | For >10 To 50, Deduct                                                        | -0.60  |
|                  | For >50 To 100, Deduct                                                       | -2.34  |
|                  | For >100, Deduct                                                             | -4.69  |
| 03 15 19 00-0015 | EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 43.73  |
|                  | For Galvanized, Add                                                          | 16.47  |
|                  | For Stainless Steel, Add                                                     | 115.29 |
|                  | For >10 To 50, Deduct                                                        | -0.54  |
|                  | For >50 To 100, Deduct                                                       | -1.90  |
|                  | For >100, Deduct                                                             | -3.81  |
| 03 15 19 00-0016 | EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt | 51.77  |
|                  | For Galvanized, Add                                                          | 19.72  |
|                  | For Stainless Steel, Add                                                     | 138.04 |
|                  | For >10 To 50, Deduct                                                        | -0.62  |
|                  | For >50 To 100, Deduct                                                       | -2.22  |
|                  | For >100, Deduct                                                             | -4.44  |



|  |  |                                  |       |    |
|--|--|----------------------------------|-------|----|
|  |  | Concrete                         | 03    | CS |
|  |  | Concrete Forming and Accessories | 03 10 |    |
|  |  | Concrete Accessories             | 03 15 |    |

| MINOR            |                                                                                      | TOTAL DIRECT |  | DEMOLITION |
|------------------|--------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                      | UNIT COST    |  | UNIT COST  |
| 03 15 19 00-0017 | EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....   | 66.96        |  |            |
|                  | For Galvanized, Add                                                                  | 26.29        |  |            |
|                  | For Stainless Steel, Add                                                             | 184.03       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.72        |  |            |
|                  | For >50 To 100, Deduct                                                               | -2.75        |  |            |
|                  | For >100, Deduct                                                                     | -5.51        |  |            |
| 03 15 19 00-0018 | 1" And 1-1/8" Diameter (03 15 19 00-0002)                                            |              |  |            |
| 03 15 19 00-0019 | EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....     | 54.94        |  |            |
|                  | For Galvanized, Add                                                                  | 21.31        |  |            |
|                  | For Stainless Steel, Add                                                             | 149.14       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.62        |  |            |
|                  | For >50 To 100, Deduct                                                               | -2.30        |  |            |
|                  | For >100, Deduct                                                                     | -4.60        |  |            |
| 03 15 19 00-0020 | EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....     | 55.66        |  |            |
|                  | For Galvanized, Add                                                                  | 25.64        |  |            |
|                  | For Stainless Steel, Add                                                             | 179.48       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.72        |  |            |
|                  | For >50 To 100, Deduct                                                               | -2.72        |  |            |
|                  | For >100, Deduct                                                                     | -5.44        |  |            |
| 03 15 19 00-0021 | EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....     | 81.54        |  |            |
|                  | For Galvanized, Add                                                                  | 32.14        |  |            |
|                  | For Stainless Steel, Add                                                             | 224.98       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.86        |  |            |
|                  | For >50 To 100, Deduct                                                               | -3.33        |  |            |
|                  | For >100, Deduct                                                                     | -6.67        |  |            |
| 03 15 19 00-0022 | EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....     | 100.12       |  |            |
|                  | For Galvanized, Add                                                                  | 39.27        |  |            |
|                  | For Stainless Steel, Add                                                             | 274.89       |  |            |
|                  | For >10 To 50, Deduct                                                                | -1.08        |  |            |
|                  | For >50 To 100, Deduct                                                               | -4.12        |  |            |
|                  | For >100, Deduct                                                                     | -8.24        |  |            |
| 03 15 19 00-0023 | EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 66.81        |  |            |
|                  | For Galvanized, Add                                                                  | 26.64        |  |            |
|                  | For Stainless Steel, Add                                                             | 186.45       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.68        |  |            |
|                  | For >50 To 100, Deduct                                                               | -2.69        |  |            |
|                  | For >100, Deduct                                                                     | -5.37        |  |            |
| 03 15 19 00-0024 | EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 79.90        |  |            |
|                  | For Galvanized, Add                                                                  | 32.06        |  |            |
|                  | For Stainless Steel, Add                                                             | 224.39       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.79        |  |            |
|                  | For >50 To 100, Deduct                                                               | -3.18        |  |            |
|                  | For >100, Deduct                                                                     | -6.36        |  |            |
| 03 15 19 00-0025 | EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 99.31        |  |            |
|                  | For Galvanized, Add                                                                  | 40.18        |  |            |
|                  | For Stainless Steel, Add                                                             | 281.26       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.95        |  |            |
|                  | For >50 To 100, Deduct                                                               | -3.90        |  |            |
|                  | For >100, Deduct                                                                     | -7.81        |  |            |
| 03 15 19 00-0026 | EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 121.87       |  |            |
|                  | For Galvanized, Add                                                                  | 49.09        |  |            |
|                  | For Stainless Steel, Add                                                             | 343.63       |  |            |
|                  | For >10 To 50, Deduct                                                                | -1.18        |  |            |
|                  | For >50 To 100, Deduct                                                               | -4.82        |  |            |
|                  | For >100, Deduct                                                                     | -9.65        |  |            |
| 03 15 19 00-0027 | 1-1/4" And 1-1/2" Diameter (03 15 19 00-0002)                                        |              |  |            |
| 03 15 19 00-0028 | EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 81.58        |  |            |
|                  | For Galvanized, Add                                                                  | 33.29        |  |            |
|                  | For Stainless Steel, Add                                                             | 233.03       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.75        |  |            |
|                  | For >50 To 100, Deduct                                                               | -3.16        |  |            |
|                  | For >100, Deduct                                                                     | -6.33        |  |            |
| 03 15 19 00-0029 | EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 97.64        |  |            |
|                  | For Galvanized, Add                                                                  | 40.08        |  |            |
|                  | For Stainless Steel, Add                                                             | 280.53       |  |            |
|                  | For >10 To 50, Deduct                                                                | -0.87        |  |            |
|                  | For >50 To 100, Deduct                                                               | -3.75        |  |            |
|                  | For >100, Deduct                                                                     | -7.51        |  |            |
| 03 15 19 00-0030 | EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 121.48       |  |            |
|                  | For Galvanized, Add                                                                  | 50.24        |  |            |
|                  | For Stainless Steel, Add                                                             | 351.68       |  |            |
|                  | For >10 To 50, Deduct                                                                | -1.05        |  |            |
|                  | For >50 To 100, Deduct                                                               | -4.61        |  |            |
|                  | For >100, Deduct                                                                     | -9.22        |  |            |
| 03 15 19 00-0031 | EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 148.95       |  |            |
|                  | For Galvanized, Add                                                                  | 61.36        |  |            |
|                  | For Stainless Steel, Add                                                             | 429.49       |  |            |
|                  | For >10 To 50, Deduct                                                                | -1.31        |  |            |
|                  | For >50 To 100, Deduct                                                               | -5.69        |  |            |
|                  | For >100, Deduct                                                                     | -11.38       |  |            |

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 15 19 00-0032 | EA  | 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 100.04                    |                         |
|                  |     | For Galvanized, Add .....                                                         | 41.61                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 291.27                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.84                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -3.76                     |                         |
|                  |     | For >100, Deduct .....                                                            | -7.53                     |                         |
| 03 15 19 00-0033 | EA  | 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 119.79                    |                         |
|                  |     | For Galvanized, Add .....                                                         | 50.09                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 350.60                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.98                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -4.47                     |                         |
|                  |     | For >100, Deduct .....                                                            | -8.93                     |                         |
| 03 15 19 00-0034 | EA  | 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 149.17                    |                         |
|                  |     | For Galvanized, Add .....                                                         | 62.81                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 439.67                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -1.18                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -5.50                     |                         |
|                  |     | For >100, Deduct .....                                                            | -10.99                    |                         |
| 03 15 19 00-0035 | EA  | 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt ..... | 182.82                    |                         |
|                  |     | For Galvanized, Add .....                                                         | 76.70                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 536.90                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -1.47                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -6.78                     |                         |
|                  |     | For >100, Deduct .....                                                            | -13.55                    |                         |
| 03 15 19 00-0036 |     | <b>L-Type Anchor Bolts</b> (03 15 19 00-0001)                                     |                           |                         |
|                  |     | See CSI section 03 11 13 00-0002 for template.                                    |                           |                         |
| 03 15 19 00-0037 |     | <b>3/4" And 7/8" Diameter</b> (03 15 19 00-0036)                                  |                           |                         |
| 03 15 19 00-0038 | EA  | 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 28.01                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 9.21                      |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 64.47                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.48                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -1.42                     |                         |
|                  |     | For >100, Deduct .....                                                            | -2.84                     |                         |
| 03 15 19 00-0039 | EA  | 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 33.55                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 11.38                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 79.66                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.54                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -1.65                     |                         |
|                  |     | For >100, Deduct .....                                                            | -3.30                     |                         |
| 03 15 19 00-0040 | EA  | 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 38.42                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 13.05                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 91.32                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.62                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -1.89                     |                         |
|                  |     | For >100, Deduct .....                                                            | -3.77                     |                         |
| 03 15 19 00-0041 | EA  | 3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 41.47                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 13.55                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 94.82                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.72                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -2.12                     |                         |
|                  |     | For >100, Deduct .....                                                            | -4.23                     |                         |
| 03 15 19 00-0042 | EA  | 3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 45.70                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 14.22                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 99.54                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.86                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -2.44                     |                         |
|                  |     | For >100, Deduct .....                                                            | -4.87                     |                         |
| 03 15 19 00-0043 | EA  | 7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 33.63                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 11.42                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 79.94                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.54                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -1.65                     |                         |
|                  |     | For >100, Deduct .....                                                            | -3.30                     |                         |
| 03 15 19 00-0044 | EA  | 7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 38.94                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 13.31                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 93.14                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.62                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -1.90                     |                         |
|                  |     | For >100, Deduct .....                                                            | -3.80                     |                         |
| 03 15 19 00-0045 | EA  | 7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 44.90                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 15.26                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 106.82                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.72                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -2.20                     |                         |
|                  |     | For >100, Deduct .....                                                            | -4.40                     |                         |
| 03 15 19 00-0046 | EA  | 7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....   | 48.95                     |                         |
|                  |     | For Galvanized, Add .....                                                         | 15.85                     |                         |
|                  |     | For Stainless Steel, Add .....                                                    | 110.92                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                       | -0.86                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                      | -2.52                     |                         |
|                  |     | For >100, Deduct .....                                                            | -5.04                     |                         |



|  |  |                                  |       |    |
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|  |  | Concrete                         | 03    | CS |
|  |  | Concrete Forming and Accessories | 03 10 |    |
|  |  | Concrete Accessories             | 03 15 |    |

| MINOR            |                                                                                     | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                     | UNIT COST    |  | UNIT COST  |
| 03 15 19 00-0047 | EA 7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....   | 54.87        |  |            |
|                  | For Galvanized, Add                                                                 | 16.65        |  |            |
|                  | For Stainless Steel, Add                                                            | 116.52       |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.08        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.99        |  |            |
|                  | For >100, Deduct                                                                    | -5.98        |  |            |
| 03 15 19 00-0048 | 1" And 1-1/8" Diameter (03 15 19 00-0036)                                           |              |  |            |
| 03 15 19 00-0049 | EA 1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 41.63        |  |            |
|                  | For Galvanized, Add                                                                 | 14.65        |  |            |
|                  | For Stainless Steel, Add                                                            | 102.55       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.62        |  |            |
|                  | For >50 To 100, Deduct                                                              | -1.97        |  |            |
|                  | For >100, Deduct                                                                    | -3.93        |  |            |
| 03 15 19 00-0050 | EA 1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 47.32        |  |            |
|                  | For Galvanized, Add                                                                 | 16.47        |  |            |
|                  | For Stainless Steel, Add                                                            | 115.29       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.72        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.26        |  |            |
|                  | For >100, Deduct                                                                    | -4.52        |  |            |
| 03 15 19 00-0051 | EA 1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 54.10        |  |            |
|                  | For Galvanized, Add                                                                 | 18.42        |  |            |
|                  | For Stainless Steel, Add                                                            | 128.94       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.86        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.65        |  |            |
|                  | For >100, Deduct                                                                    | -5.29        |  |            |
| 03 15 19 00-0052 | EA 1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 57.34        |  |            |
|                  | For Galvanized, Add                                                                 | 19.29        |  |            |
|                  | For Stainless Steel, Add                                                            | 135.03       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.94        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.84        |  |            |
|                  | For >100, Deduct                                                                    | -5.68        |  |            |
| 03 15 19 00-0053 | EA 1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 61.98        |  |            |
|                  | For Galvanized, Add                                                                 | 20.20        |  |            |
|                  | For Stainless Steel, Add                                                            | 141.40       |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.08        |  |            |
|                  | For >50 To 100, Deduct                                                              | -3.17        |  |            |
|                  | For >100, Deduct                                                                    | -6.34        |  |            |
| 03 15 19 00-0054 | EA 1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 70.79        |  |            |
|                  | For Galvanized, Add                                                                 | 23.41        |  |            |
|                  | For Stainless Steel, Add                                                            | 163.84       |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.20        |  |            |
|                  | For >50 To 100, Deduct                                                              | -3.57        |  |            |
|                  | For >100, Deduct                                                                    | -7.14        |  |            |
| 03 15 19 00-0055 | EA 1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 83.56        |  |            |
|                  | For Galvanized, Add                                                                 | 27.40        |  |            |
|                  | For Stainless Steel, Add                                                            | 191.77       |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.44        |  |            |
|                  | For >50 To 100, Deduct                                                              | -4.25        |  |            |
|                  | For >100, Deduct                                                                    | -8.49        |  |            |
| 03 15 19 00-0056 | EA 1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 52.91        |  |            |
|                  | For Galvanized, Add                                                                 | 19.27        |  |            |
|                  | For Stainless Steel, Add                                                            | 134.86       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.72        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.40        |  |            |
|                  | For >100, Deduct                                                                    | -4.80        |  |            |
| 03 15 19 00-0057 | EA 1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 60.39        |  |            |
|                  | For Galvanized, Add                                                                 | 21.57        |  |            |
|                  | For Stainless Steel, Add                                                            | 150.96       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.86        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.80        |  |            |
|                  | For >100, Deduct                                                                    | -5.61        |  |            |
| 03 15 19 00-0058 | EA 1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 63.88        |  |            |
|                  | For Galvanized, Add                                                                 | 22.56        |  |            |
|                  | For Stainless Steel, Add                                                            | 157.92       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.94        |  |            |
|                  | For >50 To 100, Deduct                                                              | -3.00        |  |            |
|                  | For >100, Deduct                                                                    | -6.01        |  |            |
| 03 15 19 00-0059 | 1-1/4" And 1-3/8" Diameter (03 15 19 00-0036)                                       |              |  |            |
| 03 15 19 00-0060 | EA 1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 63.86        |  |            |
|                  | For Galvanized, Add                                                                 | 23.30        |  |            |
|                  | For Stainless Steel, Add                                                            | 163.10       |  |            |
|                  | For >10 To 50, Deduct                                                               | -0.86        |  |            |
|                  | For >50 To 100, Deduct                                                              | -2.89        |  |            |
|                  | For >100, Deduct                                                                    | -5.78        |  |            |
| 03 15 19 00-0061 | EA 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 76.11        |  |            |
|                  | For Galvanized, Add                                                                 | 27.27        |  |            |
|                  | For Stainless Steel, Add                                                            | 190.86       |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.08        |  |            |
|                  | For >50 To 100, Deduct                                                              | -3.52        |  |            |
|                  | For >100, Deduct                                                                    | -7.04        |  |            |

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 15 19 00-0062 | EA  | 1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 84.48                     |                         |
|                  |     | For Galvanized, Add                                                              | 30.89                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 216.20                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -3.82                     |                         |
|                  |     | For >100, Deduct                                                                 | -7.63                     |                         |
| 03 15 19 00-0063 | EA  | 1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 93.72                     |                         |
|                  |     | For Galvanized, Add                                                              | 34.87                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 244.09                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.20                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -4.14                     |                         |
|                  |     | For >100, Deduct                                                                 | -8.28                     |                         |
| 03 15 19 00-0064 | EA  | 1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 102.83                    |                         |
|                  |     | For Galvanized, Add                                                              | 37.93                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 265.51                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.35                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -4.59                     |                         |
|                  |     | For >100, Deduct                                                                 | -9.19                     |                         |
| 03 15 19 00-0065 | EA  | 1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 112.06                    |                         |
|                  |     | For Galvanized, Add                                                              | 40.62                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 284.31                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.54                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -5.11                     |                         |
|                  |     | For >100, Deduct                                                                 | -10.23                    |                         |
| 03 15 19 00-0066 | EA  | 1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 122.91                    |                         |
|                  |     | For Galvanized, Add                                                              | 43.48                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 304.33                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.80                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -5.77                     |                         |
|                  |     | For >100, Deduct                                                                 | -11.54                    |                         |
| 03 15 19 00-0067 | EA  | 1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 139.30                    |                         |
|                  |     | For Galvanized, Add                                                              | 48.07                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 336.49                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -2.16                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -6.72                     |                         |
|                  |     | For >100, Deduct                                                                 | -13.44                    |                         |
| 03 15 19 00-0068 | EA  | 1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 75.52                     |                         |
|                  |     | For Galvanized, Add                                                              | 29.13                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 203.91                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -0.86                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -3.18                     |                         |
|                  |     | For >100, Deduct                                                                 | -6.37                     |                         |
| 03 15 19 00-0069 | EA  | 1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 89.76                     |                         |
|                  |     | For Galvanized, Add                                                              | 34.09                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 238.63                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.08                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -3.86                     |                         |
|                  |     | For >100, Deduct                                                                 | -7.73                     |                         |
| 03 15 19 00-0070 | EA  | 1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 99.91                     |                         |
|                  |     | For Galvanized, Add                                                              | 38.60                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 270.20                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -4.20                     |                         |
|                  |     | For >100, Deduct                                                                 | -8.40                     |                         |
| 03 15 19 00-0071 | EA  | 1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 111.15                    |                         |
|                  |     | For Galvanized, Add                                                              | 43.59                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 305.10                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.20                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -4.58                     |                         |
|                  |     | For >100, Deduct                                                                 | -9.15                     |                         |
| 03 15 19 00-0072 | EA  | 1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 121.81                    |                         |
|                  |     | For Galvanized, Add                                                              | 47.42                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 331.94                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.35                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -5.07                     |                         |
|                  |     | For >100, Deduct                                                                 | -10.14                    |                         |
| 03 15 19 00-0073 | EA  | 1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 132.39                    |                         |
|                  |     | For Galvanized, Add                                                              | 50.78                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 355.46                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.54                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -5.62                     |                         |
|                  |     | For >100, Deduct                                                                 | -11.24                    |                         |
| 03 15 19 00-0074 | EA  | 1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 145.54                    |                         |
|                  |     | For Galvanized, Add                                                              | 54.79                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 383.53                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -1.80                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -6.34                     |                         |
|                  |     | For >100, Deduct                                                                 | -12.67                    |                         |
| 03 15 19 00-0075 | EA  | 1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 163.36                    |                         |
|                  |     | For Galvanized, Add                                                              | 60.10                     |                         |
|                  |     | For Stainless Steel, Add                                                         | 420.70                    |                         |
|                  |     | For >10 To 50, Deduct                                                            | -2.16                     |                         |
|                  |     | For >50 To 100, Deduct                                                           | -7.32                     |                         |
|                  |     | For >100, Deduct                                                                 | -14.64                    |                         |





|  |  |                                  |       |   |
|--|--|----------------------------------|-------|---|
|  |  | Concrete                         | 03    | 3 |
|  |  | Concrete Forming and Accessories | 03 10 |   |
|  |  | Concrete Accessories             | 03 15 |   |

| MINOR               |                                                                                     | TOTAL DIRECT |        | DEMOLITION |
|---------------------|-------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI UOM DESCRIPTION |                                                                                     | UNIT COST    |        | UNIT COST  |
| 03 15 19 00-0076    | 1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)                                  |              |        |            |
| 03 15 19 00-0077    | EA 1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 100.37 |            |
|                     | For Galvanized, Add                                                                 |              | 40.38  |            |
|                     | For Stainless Steel, Add                                                            |              | 282.63 |            |
|                     | For >10 To 50, Deduct                                                               |              | -0.98  |            |
|                     | For >50 To 100, Deduct                                                              |              | -3.98  |            |
|                     | For >100, Deduct                                                                    |              | -7.96  |            |
| 03 15 19 00-0078    | EA 1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 107.41 |            |
|                     | For Galvanized, Add                                                                 |              | 42.35  |            |
|                     | For Stainless Steel, Add                                                            |              | 296.45 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.14  |            |
|                     | For >50 To 100, Deduct                                                              |              | -4.39  |            |
|                     | For >100, Deduct                                                                    |              | -8.78  |            |
| 03 15 19 00-0079    | EA 1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 118.58 |            |
|                     | For Galvanized, Add                                                                 |              | 46.60  |            |
|                     | For Stainless Steel, Add                                                            |              | 326.17 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.27  |            |
|                     | For >50 To 100, Deduct                                                              |              | -4.87  |            |
|                     | For >100, Deduct                                                                    |              | -9.74  |            |
| 03 15 19 00-0080    | EA 1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 128.79 |            |
|                     | For Galvanized, Add                                                                 |              | 50.91  |            |
|                     | For Stainless Steel, Add                                                            |              | 356.37 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.35  |            |
|                     | For >50 To 100, Deduct                                                              |              | -5.24  |            |
|                     | For >100, Deduct                                                                    |              | -10.49 |            |
| 03 15 19 00-0081    | EA 1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 139.22 |            |
|                     | For Galvanized, Add                                                                 |              | 55.23  |            |
|                     | For Stainless Steel, Add                                                            |              | 386.58 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.44  |            |
|                     | For >50 To 100, Deduct                                                              |              | -5.64  |            |
|                     | For >100, Deduct                                                                    |              | -11.28 |            |
| 03 15 19 00-0082    | EA 1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 151.97 |            |
|                     | For Galvanized, Add                                                                 |              | 59.39  |            |
|                     | For Stainless Steel, Add                                                            |              | 415.70 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.66  |            |
|                     | For >50 To 100, Deduct                                                              |              | -6.29  |            |
|                     | For >100, Deduct                                                                    |              | -12.58 |            |
| 03 15 19 00-0083    | EA 1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 167.72 |            |
|                     | For Galvanized, Add                                                                 |              | 64.24  |            |
|                     | For Stainless Steel, Add                                                            |              | 449.68 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.96  |            |
|                     | For >50 To 100, Deduct                                                              |              | -7.14  |            |
|                     | For >100, Deduct                                                                    |              | -14.27 |            |
| 03 15 19 00-0084    | EA 1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 190.44 |            |
|                     | For Galvanized, Add                                                                 |              | 71.24  |            |
|                     | For Stainless Steel, Add                                                            |              | 498.68 |            |
|                     | For >10 To 50, Deduct                                                               |              | -2.40  |            |
|                     | For >50 To 100, Deduct                                                              |              | -8.36  |            |
|                     | For >100, Deduct                                                                    |              | -16.72 |            |
| 03 15 19 00-0085    | EA 1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 143.08 |            |
|                     | For Galvanized, Add                                                                 |              | 60.75  |            |
|                     | For Stainless Steel, Add                                                            |              | 425.25 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.08  |            |
|                     | For >50 To 100, Deduct                                                              |              | -5.20  |            |
|                     | For >100, Deduct                                                                    |              | -10.39 |            |
| 03 15 19 00-0086    | EA 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 148.12 |            |
|                     | For Galvanized, Add                                                                 |              | 62.07  |            |
|                     | For Stainless Steel, Add                                                            |              | 434.49 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.20  |            |
|                     | For >50 To 100, Deduct                                                              |              | -5.50  |            |
|                     | For >100, Deduct                                                                    |              | -11.00 |            |
| 03 15 19 00-0087    | EA 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 151.53 |            |
|                     | For Galvanized, Add                                                                 |              | 63.07  |            |
|                     | For Stainless Steel, Add                                                            |              | 441.49 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.27  |            |
|                     | For >50 To 100, Deduct                                                              |              | -5.69  |            |
|                     | For >100, Deduct                                                                    |              | -11.39 |            |
| 03 15 19 00-0088    | EA 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 172.66 |            |
|                     | For Galvanized, Add                                                                 |              | 72.85  |            |
|                     | For Stainless Steel, Add                                                            |              | 509.92 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.35  |            |
|                     | For >50 To 100, Deduct                                                              |              | -6.34  |            |
|                     | For >100, Deduct                                                                    |              | -12.68 |            |
| 03 15 19 00-0089    | EA 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 199.01 |            |
|                     | For Galvanized, Add                                                                 |              | 84.09  |            |
|                     | For Stainless Steel, Add                                                            |              | 588.63 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.54  |            |
|                     | For >50 To 100, Deduct                                                              |              | -7.29  |            |
|                     | For >100, Deduct                                                                    |              | -14.58 |            |
| 03 15 19 00-0090    | EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... |              | 206.35 |            |
|                     | For Galvanized, Add                                                                 |              | 85.20  |            |
|                     | For Stainless Steel, Add                                                            |              | 596.37 |            |
|                     | For >10 To 50, Deduct                                                               |              | -1.80  |            |
|                     | For >50 To 100, Deduct                                                              |              | -7.86  |            |
|                     | For >100, Deduct                                                                    |              | -15.71 |            |

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

| MINOR            | CSI | UOM | DESCRIPTION                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 15 19 00-0091 | EA  |     | 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 227.16                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 92.00                     |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 644.00                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -2.16                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -8.92                     |                         |
|                  |     |     | For >100, Deduct                                                                 | -17.83                    |                         |
| 03 15 19 00-0092 | EA  |     | 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 252.13                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 99.09                     |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 693.63                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -2.70                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -10.35                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -20.70                    |                         |
| 03 15 19 00-0093 | EA  |     | 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 210.35                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 92.48                     |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 647.36                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -7.16                     |                         |
|                  |     |     | For >100, Deduct                                                                 | -14.33                    |                         |
| 03 15 19 00-0094 | EA  |     | 2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 228.73                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 99.98                     |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 699.86                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.44                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -7.88                     |                         |
|                  |     |     | For >100, Deduct                                                                 | -15.75                    |                         |
| 03 15 19 00-0095 | EA  |     | 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 251.14                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 108.97                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 762.79                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.66                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -8.77                     |                         |
|                  |     |     | For >100, Deduct                                                                 | -17.54                    |                         |
| 03 15 19 00-0096 | EA  |     | 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 270.06                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 115.41                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 807.87                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.96                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -9.69                     |                         |
|                  |     |     | For >100, Deduct                                                                 | -19.39                    |                         |
| 03 15 19 00-0097 | EA  |     | 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 291.19                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 124.02                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 868.11                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -2.16                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -10.52                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -21.03                    |                         |
| 03 15 19 00-0098 | EA  |     | 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 312.80                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 132.42                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 926.94                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -2.40                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -11.42                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -22.83                    |                         |
| 03 15 19 00-0099 | EA  |     | 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 346.10                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 142.22                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 995.54                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -3.08                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -13.28                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -26.55                    |                         |
| 03 15 19 00-0100 | EA  |     | 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 374.36                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 156.35                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 1,094.45                  |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -3.08                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -13.98                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -27.97                    |                         |
| 03 15 19 00-0101 | EA  |     | 2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....     | 419.52                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 173.80                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 1,216.57                  |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -3.60                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -15.88                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -31.77                    |                         |
| 03 15 19 00-0102 |     |     | 2-1/2" And 2-3/4" Diameter (03 15 19 00-0036).....                               | 436.31                    |                         |
| 03 15 19 00-0103 | EA  |     | 2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 436.31                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 205.46                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 1,438.22                  |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -12.81                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -25.62                    |                         |
| 03 15 19 00-0104 | EA  |     | 2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 458.29                    |                         |
|                  |     |     | For Galvanized, Add                                                              | 214.76                    |                         |
|                  |     |     | For Stainless Steel, Add                                                         | 1,503.32                  |                         |
|                  |     |     | For >10 To 50, Deduct                                                            | -1.44                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                           | -13.62                    |                         |
|                  |     |     | For >100, Deduct                                                                 | -27.23                    |                         |



|  |  |                                  |       |    |
|--|--|----------------------------------|-------|----|
|  |  | Concrete                         | 03    | CS |
|  |  | Concrete Forming and Accessories | 03 10 |    |
|  |  | Concrete Accessories             | 03 15 |    |

| MINOR            |                                                                                     | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                     | UNIT COST    |  | UNIT COST  |
| 03 15 19 00-0105 | EA 2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 499.00       |  |            |
|                  | For Galvanized, Add                                                                 | 232.90       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,630.30     |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.66        |  |            |
|                  | For >50 To 100, Deduct                                                              | -14.97       |  |            |
|                  | For >100, Deduct                                                                    | -29.93       |  |            |
| 03 15 19 00-0106 | EA 2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 530.13       |  |            |
|                  | For Galvanized, Add                                                                 | 245.45       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,718.12     |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.96        |  |            |
|                  | For >50 To 100, Deduct                                                              | -16.20       |  |            |
|                  | For >100, Deduct                                                                    | -32.39       |  |            |
| 03 15 19 00-0107 | EA 2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 560.36       |  |            |
|                  | For Galvanized, Add                                                                 | 258.60       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,810.20     |  |            |
|                  | For >10 To 50, Deduct                                                               | -2.16        |  |            |
|                  | For >50 To 100, Deduct                                                              | -17.25       |  |            |
|                  | For >100, Deduct                                                                    | -34.49       |  |            |
| 03 15 19 00-0108 | EA 2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 594.64       |  |            |
|                  | For Galvanized, Add                                                                 | 273.34       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,913.38     |  |            |
|                  | For >10 To 50, Deduct                                                               | -2.40        |  |            |
|                  | For >50 To 100, Deduct                                                              | -18.46       |  |            |
|                  | For >100, Deduct                                                                    | -36.93       |  |            |
| 03 15 19 00-0109 | EA 2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 638.51       |  |            |
|                  | For Galvanized, Add                                                                 | 288.43       |  |            |
|                  | For Stainless Steel, Add                                                            | 2,018.98     |  |            |
|                  | For >10 To 50, Deduct                                                               | -3.08        |  |            |
|                  | For >50 To 100, Deduct                                                              | -20.59       |  |            |
|                  | For >100, Deduct                                                                    | -41.17       |  |            |
| 03 15 19 00-0110 | EA 2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 492.16       |  |            |
|                  | For Galvanized, Add                                                                 | 232.60       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,628.17     |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.35        |  |            |
|                  | For >50 To 100, Deduct                                                              | -14.33       |  |            |
|                  | For >100, Deduct                                                                    | -28.65       |  |            |
| 03 15 19 00-0111 | EA 2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 528.44       |  |            |
|                  | For Galvanized, Add                                                                 | 248.81       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,741.64     |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.54        |  |            |
|                  | For >50 To 100, Deduct                                                              | -15.52       |  |            |
|                  | For >100, Deduct                                                                    | -31.05       |  |            |
| 03 15 19 00-0112 | EA 2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 566.30       |  |            |
|                  | For Galvanized, Add                                                                 | 265.17       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,856.19     |  |            |
|                  | For >10 To 50, Deduct                                                               | -1.80        |  |            |
|                  | For >50 To 100, Deduct                                                              | -16.85       |  |            |
|                  | For >100, Deduct                                                                    | -33.71       |  |            |
| 03 15 19 00-0113 | EA 2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 602.97       |  |            |
|                  | For Galvanized, Add                                                                 | 279.91       |  |            |
|                  | For Stainless Steel, Add                                                            | 1,959.34     |  |            |
|                  | For >10 To 50, Deduct                                                               | -2.16        |  |            |
|                  | For >50 To 100, Deduct                                                              | -18.31       |  |            |
|                  | For >100, Deduct                                                                    | -36.62       |  |            |
| 03 15 19 00-0114 | EA 2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 639.98       |  |            |
|                  | For Galvanized, Add                                                                 | 296.01       |  |            |
|                  | For Stainless Steel, Add                                                            | 2,072.07     |  |            |
|                  | For >10 To 50, Deduct                                                               | -2.40        |  |            |
|                  | For >50 To 100, Deduct                                                              | -19.60       |  |            |
|                  | For >100, Deduct                                                                    | -39.19       |  |            |
| 03 15 19 00-0115 | EA 2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 691.70       |  |            |
|                  | For Galvanized, Add                                                                 | 318.88       |  |            |
|                  | For Stainless Steel, Add                                                            | 2,232.13     |  |            |
|                  | For >10 To 50, Deduct                                                               | -2.70        |  |            |
|                  | For >50 To 100, Deduct                                                              | -21.34       |  |            |
|                  | For >100, Deduct                                                                    | -42.68       |  |            |
| 03 15 19 00-0116 | EA 2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt..... | 744.75       |  |            |
|                  | For Galvanized, Add                                                                 | 336.41       |  |            |
|                  | For Stainless Steel, Add                                                            | 2,354.87     |  |            |
|                  | For >10 To 50, Deduct                                                               | -3.60        |  |            |
|                  | For >50 To 100, Deduct                                                              | -24.01       |  |            |
|                  | For >100, Deduct                                                                    | -48.03       |  |            |

## 03 20 Concrete Reinforcing (03)

Note: Includes cutting or torching to size, bending where necessary and tie wires.

### 03 21 Reinforcement Bars (03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

#### 03 21 11 Plain Steel Reinforcement Bars (03 21)

##### 03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.



| MINOR<br>CSI     | UOM | DESCRIPTION                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 11 00-0002 | LF  | #3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....  | 0.70                      |                         |
|                  |     | For Up To 100, Add                                             | 0.45                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.25                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.10                      |                         |
| 03 21 11 00-0003 | LF  | #4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....  | 1.18                      |                         |
|                  |     | For Up To 100, Add                                             | 0.78                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.43                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.17                      |                         |
| 03 21 11 00-0004 | LF  | #5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....  | 1.76                      |                         |
|                  |     | For Up To 100, Add                                             | 1.19                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.64                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.26                      |                         |
| 03 21 11 00-0005 | LF  | #6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....  | 2.43                      |                         |
|                  |     | For Up To 100, Add                                             | 1.67                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.90                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.36                      |                         |
| 03 21 11 00-0006 | LF  | #3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....  | 0.72                      |                         |
|                  |     | For Up To 100, Add                                             | 0.47                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.26                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.10                      |                         |
| 03 21 11 00-0007 | LF  | #4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....  | 1.20                      |                         |
|                  |     | For Up To 100, Add                                             | 0.80                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.44                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.17                      |                         |
| 03 21 11 00-0008 | LF  | #5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....  | 1.80                      |                         |
|                  |     | For Up To 100, Add                                             | 1.23                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.66                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.27                      |                         |
| 03 21 11 00-0009 | LF  | #6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....  | 2.48                      |                         |
|                  |     | For Up To 100, Add                                             | 1.72                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.93                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.37                      |                         |
| 03 21 11 00-0010 | LF  | #3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 0.74                      |                         |
|                  |     | For Up To 100, Add                                             | 0.49                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.27                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.11                      |                         |
| 03 21 11 00-0011 | LF  | #4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 1.24                      |                         |
|                  |     | For Up To 100, Add                                             | 0.84                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.46                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.18                      |                         |
| 03 21 11 00-0012 | LF  | #5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 1.86                      |                         |
|                  |     | For Up To 100, Add                                             | 1.29                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.69                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.28                      |                         |
| 03 21 11 00-0013 | LF  | #6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 2.57                      |                         |
|                  |     | For Up To 100, Add                                             | 1.81                      |                         |
|                  |     | For >100 To 200, Add                                           | 0.97                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.39                      |                         |
| 03 21 11 00-0014 | LF  | #7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 3.34                      |                         |
|                  |     | For Up To 100, Add                                             | 1.88                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.10                      |                         |
|                  |     | For >200 To 400, Add                                           | 0.51                      |                         |
| 03 21 11 00-0015 | LF  | #8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 4.16                      |                         |
|                  |     | For Up To 100, Add                                             | 2.39                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.39                      |                         |
|                  |     | For >200 To 400, Add                                           | 0.65                      |                         |
| 03 21 11 00-0016 | LF  | #9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....  | 5.11                      |                         |
|                  |     | For Up To 100, Add                                             | 2.98                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.72                      |                         |
|                  |     | For >200 To 400, Add                                           | 0.81                      |                         |
| 03 21 11 00-0017 | LF  | #10, Grade 60, Beams And Girders, Steel Reinforcement Bar..... | 6.25                      |                         |
|                  |     | For Up To 100, Add                                             | 3.00                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.63                      |                         |
|                  |     | For >200 To 300, Add                                           | 0.81                      |                         |
| 03 21 11 00-0018 | LF  | #11, Grade 60, Beams And Girders, Steel Reinforcement Bar..... | 7.43                      |                         |
|                  |     | For Up To 100, Add                                             | 3.62                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.95                      |                         |
|                  |     | For >200 To 300, Add                                           | 0.98                      |                         |
| 03 21 11 00-0019 | LF  | #14, Grade 60, Beams And Girders, Steel Reinforcement Bar..... | 10.29                     |                         |
|                  |     | For Up To 100, Add                                             | 5.09                      |                         |
|                  |     | For >100 To 200, Add                                           | 2.73                      |                         |
|                  |     | For >200 To 300, Add                                           | 1.36                      |                         |
| 03 21 11 00-0020 | LF  | #18, Grade 60, Beams And Girders, Steel Reinforcement Bar..... | 17.59                     |                         |
|                  |     | For Up To 100, Add                                             | 8.84                      |                         |
|                  |     | For >100 To 200, Add                                           | 4.71                      |                         |
|                  |     | For >200 To 300, Add                                           | 2.35                      |                         |
| 03 21 11 00-0021 | LF  | #6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....  | 2.66                      |                         |
|                  |     | For Up To 100, Add                                             | 1.90                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.02                      |                         |
|                  |     | For >200 To 500, Add                                           | 0.41                      |                         |
| 03 21 11 00-0022 | LF  | #7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....  | 3.46                      |                         |
|                  |     | For Up To 100, Add                                             | 1.97                      |                         |
|                  |     | For >100 To 200, Add                                           | 1.15                      |                         |
|                  |     | For >200 To 400, Add                                           | 0.54                      |                         |



|  |  |                      |       |   |
|--|--|----------------------|-------|---|
|  |  | Concrete             | 03    | 3 |
|  |  | Concrete Reinforcing | 03 20 |   |
|  |  | Reinforcement Bars   | 03 21 |   |

| MINOR            |                                                                             | TOTAL DIRECT |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                             | UNIT COST    |  | UNIT COST  |
| 03 21 11 00-0023 | LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....            | 4.32         |  |            |
|                  | For Up To 100, Add                                                          | 2.51         |  |            |
|                  | For >100 To 200, Add                                                        | 1.45         |  |            |
|                  | For >200 To 400, Add                                                        | 0.68         |  |            |
| 03 21 11 00-0024 | LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....            | 5.31         |  |            |
|                  | For Up To 100, Add                                                          | 3.13         |  |            |
|                  | For >100 To 200, Add                                                        | 1.80         |  |            |
|                  | For >200 To 400, Add                                                        | 0.85         |  |            |
| 03 21 11 00-0025 | LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....           | 6.50         |  |            |
|                  | For Up To 100, Add                                                          | 3.15         |  |            |
|                  | For >100 To 200, Add                                                        | 1.70         |  |            |
|                  | For >200 To 300, Add                                                        | 0.85         |  |            |
| 03 21 11 00-0026 | LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....           | 7.74         |  |            |
|                  | For Up To 100, Add                                                          | 3.81         |  |            |
|                  | For >100 To 200, Add                                                        | 2.04         |  |            |
|                  | For >200 To 300, Add                                                        | 1.02         |  |            |
| 03 21 11 00-0027 | LF #14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....           | 10.73        |  |            |
|                  | For Up To 100, Add                                                          | 5.36         |  |            |
|                  | For >100 To 200, Add                                                        | 2.86         |  |            |
|                  | For >200 To 300, Add                                                        | 1.43         |  |            |
| 03 21 11 00-0028 | LF #18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....           | 18.38        |  |            |
|                  | For Up To 100, Add                                                          | 9.32         |  |            |
|                  | For >100 To 200, Add                                                        | 4.94         |  |            |
|                  | For >200 To 300, Add                                                        | 2.47         |  |            |
| 03 21 11 00-0029 | LF #3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 0.75         |  |            |
|                  | For Up To 100, Add                                                          | 0.50         |  |            |
|                  | For >100 To 200, Add                                                        | 0.27         |  |            |
|                  | For >200 To 500, Add                                                        | 0.11         |  |            |
| 03 21 11 00-0030 | LF #4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 1.27         |  |            |
|                  | For Up To 100, Add                                                          | 0.87         |  |            |
|                  | For >100 To 200, Add                                                        | 0.47         |  |            |
|                  | For >200 To 500, Add                                                        | 0.19         |  |            |
| 03 21 11 00-0031 | LF #5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 1.91         |  |            |
|                  | For Up To 100, Add                                                          | 1.34         |  |            |
|                  | For >100 To 200, Add                                                        | 0.72         |  |            |
|                  | For >200 To 500, Add                                                        | 0.29         |  |            |
| 03 21 11 00-0032 | LF #6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 2.64         |  |            |
|                  | For Up To 100, Add                                                          | 1.88         |  |            |
|                  | For >100 To 200, Add                                                        | 1.01         |  |            |
|                  | For >200 To 500, Add                                                        | 0.40         |  |            |
| 03 21 11 00-0033 | LF #7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 3.43         |  |            |
|                  | For Up To 100, Add                                                          | 1.95         |  |            |
|                  | For >100 To 200, Add                                                        | 1.14         |  |            |
|                  | For >200 To 400, Add                                                        | 0.53         |  |            |
| 03 21 11 00-0034 | LF #8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 4.28         |  |            |
|                  | For Up To 100, Add                                                          | 2.48         |  |            |
|                  | For >100 To 200, Add                                                        | 1.44         |  |            |
|                  | For >200 To 400, Add                                                        | 0.67         |  |            |
| 03 21 11 00-0035 | LF #9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....  | 5.26         |  |            |
|                  | For Up To 100, Add                                                          | 3.09         |  |            |
|                  | For >100 To 200, Add                                                        | 1.78         |  |            |
|                  | For >200 To 400, Add                                                        | 0.84         |  |            |
| 03 21 11 00-0036 | LF #10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar..... | 6.43         |  |            |
|                  | For Up To 100, Add                                                          | 3.11         |  |            |
|                  | For >100 To 200, Add                                                        | 1.68         |  |            |
|                  | For >200 To 300, Add                                                        | 0.84         |  |            |
| 03 21 11 00-0037 | LF #11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar..... | 7.66         |  |            |
|                  | For Up To 100, Add                                                          | 3.76         |  |            |
|                  | For >100 To 200, Add                                                        | 2.02         |  |            |
|                  | For >200 To 300, Add                                                        | 1.01         |  |            |
| 03 21 11 00-0038 | LF #14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar..... | 10.62        |  |            |
|                  | For Up To 100, Add                                                          | 5.29         |  |            |
|                  | For >100 To 200, Add                                                        | 2.83         |  |            |
|                  | For >200 To 300, Add                                                        | 1.41         |  |            |
| 03 21 11 00-0039 | LF #18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar..... | 18.18        |  |            |
|                  | For Up To 100, Add                                                          | 9.20         |  |            |
|                  | For >100 To 200, Add                                                        | 4.88         |  |            |
|                  | For >200 To 300, Add                                                        | 2.44         |  |            |
| 03 21 11 00-0040 | Columns, Steel Reinforcement Bar (03 21 11)                                 |              |  |            |
|                  | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.                     |              |  |            |
| 03 21 11 00-0041 | LF #3, Grade 40, Columns, Steel Reinforcement Bar.....                      | 0.73         |  |            |
|                  | For Up To 100, Add                                                          | 0.47         |  |            |
|                  | For >100 To 200, Add                                                        | 0.26         |  |            |
|                  | For >200 To 500, Add                                                        | 0.10         |  |            |
| 03 21 11 00-0042 | LF #4, Grade 40, Columns, Steel Reinforcement Bar.....                      | 1.25         |  |            |
|                  | For Up To 100, Add                                                          | 0.81         |  |            |
|                  | For >100 To 200, Add                                                        | 0.44         |  |            |
|                  | For >200 To 500, Add                                                        | 0.18         |  |            |
| 03 21 11 00-0043 | LF #5, Grade 40, Columns, Steel Reinforcement Bar.....                      | 1.85         |  |            |
|                  | For Up To 100, Add                                                          | 1.23         |  |            |
|                  | For >100 To 200, Add                                                        | 0.67         |  |            |
|                  | For >200 To 500, Add                                                        | 0.27         |  |            |



| MINOR            | CSI | UOM                                             | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 11 00-0044 | LF  | #6, Grade 40, Columns, Steel Reinforcement Bar  | .....       | 2.56                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.73                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.93                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.37                      |                         |
| 03 21 11 00-0045 | LF  | #3, Grade 50, Columns, Steel Reinforcement Bar  | .....       | 0.75                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 0.49                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.27                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.11                      |                         |
| 03 21 11 00-0046 | LF  | #4, Grade 50, Columns, Steel Reinforcement Bar  | .....       | 1.27                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 0.83                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.45                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.18                      |                         |
| 03 21 11 00-0047 | LF  | #5, Grade 50, Columns, Steel Reinforcement Bar  | .....       | 1.89                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.27                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.69                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.27                      |                         |
| 03 21 11 00-0048 | LF  | #6, Grade 50, Columns, Steel Reinforcement Bar  | .....       | 2.61                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.78                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.96                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.38                      |                         |
| 03 21 11 00-0049 | LF  | #3, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 0.77                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 0.51                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.28                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.11                      |                         |
| 03 21 11 00-0050 | LF  | #4, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 1.31                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 0.87                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.47                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.19                      |                         |
| 03 21 11 00-0051 | LF  | #5, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 1.95                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.33                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 0.72                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.29                      |                         |
| 03 21 11 00-0052 | LF  | #6, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 2.70                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.87                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.00                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.40                      |                         |
| 03 21 11 00-0053 | LF  | #7, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 3.49                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.93                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.14                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.53                      |                         |
| 03 21 11 00-0054 | LF  | #8, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 4.34                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 2.45                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.43                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.67                      |                         |
| 03 21 11 00-0055 | LF  | #9, Grade 60, Columns, Steel Reinforcement Bar  | .....       | 5.32                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 3.05                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.78                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.83                      |                         |
| 03 21 11 00-0056 | LF  | #10, Grade 60, Columns, Steel Reinforcement Bar | .....       | 6.49                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 3.08                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.67                      |                         |
|                  |     | For >200 To 300, Add                            | .....       | 0.84                      |                         |
| 03 21 11 00-0057 | LF  | #11, Grade 60, Columns, Steel Reinforcement Bar | .....       | 7.70                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 3.70                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 2.00                      |                         |
|                  |     | For >200 To 300, Add                            | .....       | 1.00                      |                         |
| 03 21 11 00-0058 | LF  | #14, Grade 60, Columns, Steel Reinforcement Bar | .....       | 10.66                     |                         |
|                  |     | For Up To 100, Add                              | .....       | 5.20                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 2.80                      |                         |
|                  |     | For >200 To 300, Add                            | .....       | 1.40                      |                         |
| 03 21 11 00-0059 | LF  | #18, Grade 60, Columns, Steel Reinforcement Bar | .....       | 18.16                     |                         |
|                  |     | For Up To 100, Add                              | .....       | 9.01                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 4.82                      |                         |
|                  |     | For >200 To 300, Add                            | .....       | 2.41                      |                         |
| 03 21 11 00-0060 | LF  | #6, Grade 75, Columns, Steel Reinforcement Bar  | .....       | 2.79                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 1.96                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.05                      |                         |
|                  |     | For >200 To 500, Add                            | .....       | 0.42                      |                         |
| 03 21 11 00-0061 | LF  | #7, Grade 75, Columns, Steel Reinforcement Bar  | .....       | 3.61                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 2.02                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.19                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.55                      |                         |
| 03 21 11 00-0062 | LF  | #8, Grade 75, Columns, Steel Reinforcement Bar  | .....       | 4.50                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 2.57                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.50                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.70                      |                         |
| 03 21 11 00-0063 | LF  | #9, Grade 75, Columns, Steel Reinforcement Bar  | .....       | 5.52                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 3.20                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.86                      |                         |
|                  |     | For >200 To 400, Add                            | .....       | 0.87                      |                         |
| 03 21 11 00-0064 | LF  | #10, Grade 75, Columns, Steel Reinforcement Bar | .....       | 6.74                      |                         |
|                  |     | For Up To 100, Add                              | .....       | 3.23                      |                         |
|                  |     | For >100 To 200, Add                            | .....       | 1.75                      |                         |
|                  |     | For >200 To 300, Add                            | .....       | 0.87                      |                         |



|  |  |                      |       |    |
|--|--|----------------------|-------|----|
|  |  | Concrete             | 03    | CS |
|  |  | Concrete Reinforcing | 03 20 |    |
|  |  | Reinforcement Bars   | 03 21 |    |

| MINOR            |                                                                   | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                   | UNIT COST    |  | UNIT COST  |
| 03 21 11 00-0065 | LF #11, Grade 75, Columns, Steel Reinforcement Bar.....           | 8.01         |  |            |
|                  | For Up To 100, Add                                                | 3.89         |  |            |
|                  | For >100 To 200, Add                                              | 2.10         |  |            |
|                  | For >200 To 300, Add                                              | 1.05         |  |            |
| 03 21 11 00-0066 | LF #14, Grade 75, Columns, Steel Reinforcement Bar.....           | 11.10        |  |            |
|                  | For Up To 100, Add                                                | 5.47         |  |            |
|                  | For >100 To 200, Add                                              | 2.93         |  |            |
|                  | For >200 To 300, Add                                              | 1.47         |  |            |
| 03 21 11 00-0067 | LF #18, Grade 75, Columns, Steel Reinforcement Bar.....           | 18.95        |  |            |
|                  | For Up To 100, Add                                                | 9.49         |  |            |
|                  | For >100 To 200, Add                                              | 5.06         |  |            |
|                  | For >200 To 300, Add                                              | 2.53         |  |            |
| 03 21 11 00-0068 | LF #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 0.78         |  |            |
|                  | For Up To 100, Add                                                | 0.52         |  |            |
|                  | For >100 To 200, Add                                              | 0.28         |  |            |
|                  | For >200 To 500, Add                                              | 0.11         |  |            |
| 03 21 11 00-0069 | LF #4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 1.34         |  |            |
|                  | For Up To 100, Add                                                | 0.90         |  |            |
|                  | For >100 To 200, Add                                              | 0.49         |  |            |
|                  | For >200 To 500, Add                                              | 0.20         |  |            |
| 03 21 11 00-0070 | LF #5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 2.00         |  |            |
|                  | For Up To 100, Add                                                | 1.38         |  |            |
|                  | For >100 To 200, Add                                              | 0.74         |  |            |
|                  | For >200 To 500, Add                                              | 0.30         |  |            |
| 03 21 11 00-0071 | LF #6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 2.77         |  |            |
|                  | For Up To 100, Add                                                | 1.94         |  |            |
|                  | For >100 To 200, Add                                              | 1.04         |  |            |
|                  | For >200 To 500, Add                                              | 0.42         |  |            |
| 03 21 11 00-0072 | LF #7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 3.58         |  |            |
|                  | For Up To 100, Add                                                | 2.00         |  |            |
|                  | For >100 To 200, Add                                              | 1.18         |  |            |
|                  | For >200 To 400, Add                                              | 0.55         |  |            |
| 03 21 11 00-0073 | LF #8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 4.46         |  |            |
|                  | For Up To 100, Add                                                | 2.54         |  |            |
|                  | For >100 To 200, Add                                              | 1.48         |  |            |
|                  | For >200 To 400, Add                                              | 0.69         |  |            |
| 03 21 11 00-0074 | LF #9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....  | 5.47         |  |            |
|                  | For Up To 100, Add                                                | 3.16         |  |            |
|                  | For >100 To 200, Add                                              | 1.84         |  |            |
|                  | For >200 To 400, Add                                              | 0.86         |  |            |
| 03 21 11 00-0075 | LF #10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar..... | 6.67         |  |            |
|                  | For Up To 100, Add                                                | 3.18         |  |            |
|                  | For >100 To 200, Add                                              | 1.73         |  |            |
|                  | For >200 To 300, Add                                              | 0.86         |  |            |
| 03 21 11 00-0076 | LF #11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar..... | 7.93         |  |            |
|                  | For Up To 100, Add                                                | 3.84         |  |            |
|                  | For >100 To 200, Add                                              | 2.07         |  |            |
|                  | For >200 To 300, Add                                              | 1.04         |  |            |
| 03 21 11 00-0077 | LF #14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar..... | 10.99        |  |            |
|                  | For Up To 100, Add                                                | 5.40         |  |            |
|                  | For >100 To 200, Add                                              | 2.90         |  |            |
|                  | For >200 To 300, Add                                              | 1.45         |  |            |
| 03 21 11 00-0078 | LF #18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar..... | 18.75        |  |            |
|                  | For Up To 100, Add                                                | 9.37         |  |            |
|                  | For >100 To 200, Add                                              | 5.00         |  |            |
|                  | For >200 To 300, Add                                              | 2.50         |  |            |
| 03 21 11 00-0079 | Footings, Steel Reinforcement Bar (03 21 11)                      |              |  |            |
|                  | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.           |              |  |            |
| 03 21 11 00-0080 | LF #3, Grade 40, Footings, Steel Reinforcement Bar.....           | 0.63         |  |            |
|                  | For Up To 100, Add                                                | 0.43         |  |            |
|                  | For >100 To 200, Add                                              | 0.23         |  |            |
|                  | For >200 To 500, Add                                              | 0.09         |  |            |
| 03 21 11 00-0081 | LF #4, Grade 40, Footings, Steel Reinforcement Bar.....           | 1.08         |  |            |
|                  | For Up To 100, Add                                                | 0.74         |  |            |
|                  | For >100 To 200, Add                                              | 0.40         |  |            |
|                  | For >200 To 500, Add                                              | 0.16         |  |            |
| 03 21 11 00-0082 | LF #5, Grade 40, Footings, Steel Reinforcement Bar.....           | 1.63         |  |            |
|                  | For Up To 100, Add                                                | 1.14         |  |            |
|                  | For >100 To 200, Add                                              | 0.61         |  |            |
|                  | For >200 To 500, Add                                              | 0.24         |  |            |
| 03 21 11 00-0083 | LF #6, Grade 40, Footings, Steel Reinforcement Bar.....           | 2.25         |  |            |
|                  | For Up To 100, Add                                                | 1.60         |  |            |
|                  | For >100 To 200, Add                                              | 0.86         |  |            |
|                  | For >200 To 500, Add                                              | 0.34         |  |            |
| 03 21 11 00-0084 | LF #3, Grade 50, Footings, Steel Reinforcement Bar.....           | 0.65         |  |            |
|                  | For Up To 100, Add                                                | 0.45         |  |            |
|                  | For >100 To 200, Add                                              | 0.24         |  |            |
|                  | For >200 To 500, Add                                              | 0.10         |  |            |
| 03 21 11 00-0085 | LF #4, Grade 50, Footings, Steel Reinforcement Bar.....           | 1.10         |  |            |
|                  | For Up To 100, Add                                                | 0.76         |  |            |
|                  | For >100 To 200, Add                                              | 0.41         |  |            |
|                  | For >200 To 500, Add                                              | 0.16         |  |            |



| MINOR            | CSI | UOM                                              | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 11 00-0086 | LF  | #5, Grade 50, Footings, Steel Reinforcement Bar  | .....       | 1.67                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.18                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.63                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.25                      |                         |
| 03 21 11 00-0087 | LF  | #6, Grade 50, Footings, Steel Reinforcement Bar  | .....       | 2.30                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.65                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.88                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.35                      |                         |
| 03 21 11 00-0088 | LF  | #3, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 0.67                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 0.47                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.25                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.10                      |                         |
| 03 21 11 00-0089 | LF  | #4, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 1.14                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 0.80                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.43                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.17                      |                         |
| 03 21 11 00-0090 | LF  | #5, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 1.73                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.24                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.66                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.26                      |                         |
| 03 21 11 00-0091 | LF  | #6, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 2.39                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.74                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.93                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.37                      |                         |
| 03 21 11 00-0092 | LF  | #7, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 3.11                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.80                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.04                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.49                      |                         |
| 03 21 11 00-0093 | LF  | #8, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 3.89                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 2.29                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.32                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.62                      |                         |
| 03 21 11 00-0094 | LF  | #9, Grade 60, Footings, Steel Reinforcement Bar  | .....       | 4.79                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 2.86                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.64                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.78                      |                         |
| 03 21 11 00-0095 | LF  | #10, Grade 60, Footings, Steel Reinforcement Bar | .....       | 5.87                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 3.56                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 2.03                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.96                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 2.89                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.55                      |                         |
|                  |     | For >200 To 300, Add                             | .....       | 0.78                      |                         |
| 03 21 11 00-0096 | LF  | #11, Grade 60, Footings, Steel Reinforcement Bar | .....       | 7.01                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 4.31                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 2.45                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 1.17                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 3.50                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.87                      |                         |
|                  |     | For >200 To 300, Add                             | .....       | 0.93                      |                         |
| 03 21 11 00-0097 | LF  | #14, Grade 60, Footings, Steel Reinforcement Bar | .....       | 9.75                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 6.08                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 3.44                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 1.64                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 4.93                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 2.62                      |                         |
|                  |     | For >200 To 300, Add                             | .....       | 1.31                      |                         |
| 03 21 11 00-0098 | LF  | #18, Grade 60, Footings, Steel Reinforcement Bar | .....       | 16.73                     |                         |
|                  |     | For Up To 100, Add                               | .....       | 10.61                     |                         |
|                  |     | For >100 To 200, Add                             | .....       | 5.96                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 2.86                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 8.58                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 4.53                      |                         |
|                  |     | For >200 To 300, Add                             | .....       | 2.27                      |                         |
| 03 21 11 00-0099 | LF  | #6, Grade 75, Footings, Steel Reinforcement Bar  | .....       | 2.48                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.83                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.97                      |                         |
|                  |     | For >200 To 500, Add                             | .....       | 0.39                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.43                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 0.83                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.39                      |                         |
| 03 21 11 00-0100 | LF  | #7, Grade 75, Footings, Steel Reinforcement Bar  | .....       | 3.23                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 1.89                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.09                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.51                      |                         |
| 03 21 11 00-0101 | LF  | #8, Grade 75, Footings, Steel Reinforcement Bar  | .....       | 4.05                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 2.41                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.39                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.65                      |                         |
| 03 21 11 00-0102 | LF  | #9, Grade 75, Footings, Steel Reinforcement Bar  | .....       | 4.99                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 3.01                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.72                      |                         |
|                  |     | For >200 To 400, Add                             | .....       | 0.82                      |                         |
| 03 21 11 00-0103 | LF  | #10, Grade 75, Footings, Steel Reinforcement Bar | .....       | 6.12                      |                         |
|                  |     | For Up To 100, Add                               | .....       | 3.04                      |                         |
|                  |     | For >100 To 200, Add                             | .....       | 1.63                      |                         |
|                  |     | For >200 To 300, Add                             | .....       | 0.81                      |                         |





|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM | DESCRIPTION                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------|------------------------|----------------------|
| 03 21 11 00-0104 | LF  |     | #11, Grade 75, Footings, Steel Reinforcement Bar .....           | 7.32                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 3.68                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.96                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 0.98                   |                      |
| 03 21 11 00-0105 | LF  |     | #14, Grade 75, Footings, Steel Reinforcement Bar .....           | 10.19                  |                      |
|                  |     |     | For Up To 100, Add .....                                         | 5.19                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 2.75                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 1.38                   |                      |
| 03 21 11 00-0106 | LF  |     | #18, Grade 75, Footings, Steel Reinforcement Bar .....           | 17.52                  |                      |
|                  |     |     | For Up To 100, Add .....                                         | 9.06                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 4.77                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 2.39                   |                      |
| 03 21 11 00-0107 | LF  |     | #3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 0.68                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.48                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.26                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.10                   |                      |
| 03 21 11 00-0108 | LF  |     | #4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 1.17                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.83                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.45                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.18                   |                      |
| 03 21 11 00-0109 | LF  |     | #5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 1.78                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 1.29                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.69                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.27                   |                      |
| 03 21 11 00-0110 | LF  |     | #6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 2.46                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 1.81                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.96                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.38                   |                      |
| 03 21 11 00-0111 | LF  |     | #7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 3.20                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 1.87                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.08                   |                      |
|                  |     |     | For >200 To 400, Add .....                                       | 0.51                   |                      |
| 03 21 11 00-0112 | LF  |     | #8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 4.01                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 2.38                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.37                   |                      |
|                  |     |     | For >200 To 400, Add .....                                       | 0.65                   |                      |
| 03 21 11 00-0113 | LF  |     | #9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....  | 4.94                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 2.98                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.70                   |                      |
|                  |     |     | For >200 To 400, Add .....                                       | 0.81                   |                      |
| 03 21 11 00-0114 | LF  |     | #10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar ..... | 6.05                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 3.00                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.60                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 0.80                   |                      |
| 03 21 11 00-0115 | LF  |     | #11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar ..... | 7.24                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 3.63                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 1.94                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 0.97                   |                      |
| 03 21 11 00-0116 | LF  |     | #14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar ..... | 10.08                  |                      |
|                  |     |     | For Up To 100, Add .....                                         | 5.13                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 2.72                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 1.36                   |                      |
| 03 21 11 00-0117 | LF  |     | #18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar ..... | 17.32                  |                      |
|                  |     |     | For Up To 100, Add .....                                         | 8.94                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 4.71                   |                      |
|                  |     |     | For >200 To 300, Add .....                                       | 2.36                   |                      |
| 03 21 11 00-0118 |     |     | Slab On Grade, Steel Reinforcement Bar (03 21 11)                |                        |                      |
|                  |     |     | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.          |                        |                      |
| 03 21 11 00-0119 | LF  |     | #3, Grade 40, Slab On Grade, Steel Reinforcement Bar .....       | 0.61                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.42                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.23                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.09                   |                      |
| 03 21 11 00-0120 | LF  |     | #4, Grade 40, Slab On Grade, Steel Reinforcement Bar .....       | 1.05                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.73                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.39                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.16                   |                      |
| 03 21 11 00-0121 | LF  |     | #5, Grade 40, Slab On Grade, Steel Reinforcement Bar .....       | 1.57                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 1.11                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.60                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.24                   |                      |
| 03 21 11 00-0122 | LF  |     | #6, Grade 40, Slab On Grade, Steel Reinforcement Bar .....       | 2.17                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 1.57                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.84                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.33                   |                      |
| 03 21 11 00-0123 | LF  |     | #3, Grade 50, Slab On Grade, Steel Reinforcement Bar .....       | 0.63                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.44                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.24                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.09                   |                      |
| 03 21 11 00-0124 | LF  |     | #4, Grade 50, Slab On Grade, Steel Reinforcement Bar .....       | 1.07                   |                      |
|                  |     |     | For Up To 100, Add .....                                         | 0.75                   |                      |
|                  |     |     | For >100 To 200, Add .....                                       | 0.40                   |                      |
|                  |     |     | For >200 To 500, Add .....                                       | 0.16                   |                      |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                |       |  |
|------------------|----------------------------------------------------------------|-------|--|
| 03 21 11 00-0125 | LF #5, Grade 50, Slab On Grade, Steel Reinforcement Bar .....  | 1.61  |  |
|                  | For Up To 100, Add .....                                       | 1.15  |  |
|                  | For >100 To 200, Add .....                                     | 0.62  |  |
|                  | For >200 To 500, Add .....                                     | 0.25  |  |
| 03 21 11 00-0126 | LF #6, Grade 50, Slab On Grade, Steel Reinforcement Bar .....  | 2.22  |  |
|                  | For Up To 100, Add .....                                       | 1.62  |  |
|                  | For >100 To 200, Add .....                                     | 0.86  |  |
|                  | For >200 To 500, Add .....                                     | 0.34  |  |
| 03 21 11 00-0127 | LF #3, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 0.65  |  |
|                  | For Up To 100, Add .....                                       | 0.46  |  |
|                  | For >100 To 200, Add .....                                     | 0.25  |  |
|                  | For >200 To 500, Add .....                                     | 0.10  |  |
| 03 21 11 00-0128 | LF #4, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 1.11  |  |
|                  | For Up To 100, Add .....                                       | 0.79  |  |
|                  | For >100 To 200, Add .....                                     | 0.42  |  |
|                  | For >200 To 500, Add .....                                     | 0.17  |  |
| 03 21 11 00-0129 | LF #5, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 1.67  |  |
|                  | For Up To 100, Add .....                                       | 1.21  |  |
|                  | For >100 To 200, Add .....                                     | 0.65  |  |
|                  | For >200 To 500, Add .....                                     | 0.26  |  |
| 03 21 11 00-0130 | LF #6, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 2.31  |  |
|                  | For Up To 100, Add .....                                       | 1.71  |  |
|                  | For >100 To 200, Add .....                                     | 0.91  |  |
|                  | For >200 To 500, Add .....                                     | 0.36  |  |
| 03 21 11 00-0131 | LF #7, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 3.03  |  |
|                  | For Up To 100, Add .....                                       | 1.77  |  |
|                  | For >100 To 200, Add .....                                     | 1.02  |  |
|                  | For >200 To 400, Add .....                                     | 0.48  |  |
| 03 21 11 00-0132 | LF #8, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 3.79  |  |
|                  | For Up To 100, Add .....                                       | 2.26  |  |
|                  | For >100 To 200, Add .....                                     | 1.30  |  |
|                  | For >200 To 400, Add .....                                     | 0.61  |  |
| 03 21 11 00-0133 | LF #9, Grade 60, Slab On Grade, Steel Reinforcement Bar .....  | 4.68  |  |
|                  | For Up To 100, Add .....                                       | 2.83  |  |
|                  | For >100 To 200, Add .....                                     | 1.62  |  |
|                  | For >200 To 400, Add .....                                     | 0.77  |  |
| 03 21 11 00-0134 | LF #10, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... | 5.74  |  |
|                  | For Up To 100, Add .....                                       | 2.85  |  |
|                  | For >100 To 200, Add .....                                     | 1.52  |  |
|                  | For >200 To 300, Add .....                                     | 0.76  |  |
| 03 21 11 00-0135 | LF #11, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... | 6.88  |  |
|                  | For Up To 100, Add .....                                       | 3.46  |  |
|                  | For >100 To 200, Add .....                                     | 1.84  |  |
|                  | For >200 To 300, Add .....                                     | 0.92  |  |
| 03 21 11 00-0136 | LF #14, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... | 9.56  |  |
|                  | For Up To 100, Add .....                                       | 4.87  |  |
|                  | For >100 To 200, Add .....                                     | 2.58  |  |
|                  | For >200 To 300, Add .....                                     | 1.29  |  |
| 03 21 11 00-0137 | LF #18, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... | 16.45 |  |
|                  | For Up To 100, Add .....                                       | 8.50  |  |
|                  | For >100 To 200, Add .....                                     | 4.48  |  |
|                  | For >200 To 300, Add .....                                     | 2.24  |  |
| 03 21 11 00-0138 | LF #6, Grade 75, Slab On Grade, Steel Reinforcement Bar .....  | 2.40  |  |
|                  | For Up To 100, Add .....                                       | 1.80  |  |
|                  | For >100 To 200, Add .....                                     | 0.95  |  |
|                  | For >200 To 500, Add .....                                     | 0.38  |  |
| 03 21 11 00-0139 | LF #7, Grade 75, Slab On Grade, Steel Reinforcement Bar .....  | 3.15  |  |
|                  | For Up To 100, Add .....                                       | 1.86  |  |
|                  | For >100 To 200, Add .....                                     | 1.07  |  |
|                  | For >200 To 400, Add .....                                     | 0.51  |  |
| 03 21 11 00-0140 | LF #8, Grade 75, Slab On Grade, Steel Reinforcement Bar .....  | 3.95  |  |
|                  | For Up To 100, Add .....                                       | 2.38  |  |
|                  | For >100 To 200, Add .....                                     | 1.36  |  |
|                  | For >200 To 400, Add .....                                     | 0.64  |  |
| 03 21 11 00-0141 | LF #9, Grade 75, Slab On Grade, Steel Reinforcement Bar .....  | 4.88  |  |
|                  | For Up To 100, Add .....                                       | 2.98  |  |
|                  | For >100 To 200, Add .....                                     | 1.70  |  |
|                  | For >200 To 400, Add .....                                     | 0.81  |  |
| 03 21 11 00-0142 | LF #10, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... | 5.99  |  |
|                  | For Up To 100, Add .....                                       | 3.00  |  |
|                  | For >100 To 200, Add .....                                     | 1.60  |  |
|                  | For >200 To 300, Add .....                                     | 0.80  |  |
| 03 21 11 00-0143 | LF #11, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... | 7.19  |  |
|                  | For Up To 100, Add .....                                       | 3.64  |  |
|                  | For >100 To 200, Add .....                                     | 1.93  |  |
|                  | For >200 To 300, Add .....                                     | 0.97  |  |
| 03 21 11 00-0144 | LF #14, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... | 10.00 |  |
|                  | For Up To 100, Add .....                                       | 5.14  |  |
|                  | For >100 To 200, Add .....                                     | 2.71  |  |
|                  | For >200 To 300, Add .....                                     | 1.36  |  |
| 03 21 11 00-0145 | LF #18, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... | 17.24 |  |
|                  | For Up To 100, Add .....                                       | 8.97  |  |
|                  | For >100 To 200, Add .....                                     | 4.72  |  |
|                  | For >200 To 300, Add .....                                     | 2.36  |  |



|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                             | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 11 00-0146 | LF  | #3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 0.66        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.47        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.25        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.10        |                        |                      |
| 03 21 11 00-0147 | LF  | #4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 1.14        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.82        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.44        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.18        |                        |                      |
| 03 21 11 00-0148 | LF  | #5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 1.72        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.26        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.67        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.27        |                        |                      |
| 03 21 11 00-0149 | LF  | #6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 2.38        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.78        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.94        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.38        |                        |                      |
| 03 21 11 00-0150 | LF  | #7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 3.12        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.84        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 1.06        |                        |                      |
|                  |     | For >200 To 400, Add                                            | 0.50        |                        |                      |
| 03 21 11 00-0151 | LF  | #8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 3.91        |                        |                      |
|                  |     | For Up To 100, Add                                              | 2.35        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 1.35        |                        |                      |
|                  |     | For >200 To 400, Add                                            | 0.64        |                        |                      |
| 03 21 11 00-0152 | LF  | #9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar  | 4.83        |                        |                      |
|                  |     | For Up To 100, Add                                              | 2.94        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 1.68        |                        |                      |
|                  |     | For >200 To 400, Add                                            | 0.80        |                        |                      |
| 03 21 11 00-0153 | LF  | #10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 5.92        |                        |                      |
|                  |     | For Up To 100, Add                                              | 2.96        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 1.58        |                        |                      |
|                  |     | For >200 To 300, Add                                            | 0.79        |                        |                      |
| 03 21 11 00-0154 | LF  | #11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 7.11        |                        |                      |
|                  |     | For Up To 100, Add                                              | 3.59        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 1.91        |                        |                      |
|                  |     | For >200 To 300, Add                                            | 0.95        |                        |                      |
| 03 21 11 00-0155 | LF  | #14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 9.89        |                        |                      |
|                  |     | For Up To 100, Add                                              | 5.07        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 2.68        |                        |                      |
|                  |     | For >200 To 300, Add                                            | 1.34        |                        |                      |
| 03 21 11 00-0156 | LF  | #18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar | 17.04       |                        |                      |
|                  |     | For Up To 100, Add                                              | 8.85        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 4.66        |                        |                      |
|                  |     | For >200 To 300, Add                                            | 2.33        |                        |                      |
| 03 21 11 00-0157 |     | Elevated Slabs, Steel Reinforcement Bar (03 21 11)              |             |                        |                      |
|                  |     | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.         |             |                        |                      |
| 03 21 11 00-0158 | LF  | #3, Grade 40, Elevated Slabs, Steel Reinforcement Bar           | 0.57        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.40        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.22        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.09        |                        |                      |
| 03 21 11 00-0159 | LF  | #4, Grade 40, Elevated Slabs, Steel Reinforcement Bar           | 0.98        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.70        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.38        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.15        |                        |                      |
| 03 21 11 00-0160 | LF  | #5, Grade 40, Elevated Slabs, Steel Reinforcement Bar           | 1.48        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.08        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.57        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.23        |                        |                      |
| 03 21 11 00-0161 | LF  | #6, Grade 40, Elevated Slabs, Steel Reinforcement Bar           | 2.05        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.52        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.81        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.32        |                        |                      |
| 03 21 11 00-0162 | LF  | #3, Grade 50, Elevated Slabs, Steel Reinforcement Bar           | 0.59        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.42        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.23        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.09        |                        |                      |
| 03 21 11 00-0163 | LF  | #4, Grade 50, Elevated Slabs, Steel Reinforcement Bar           | 1.00        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.72        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.39        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.15        |                        |                      |
| 03 21 11 00-0164 | LF  | #5, Grade 50, Elevated Slabs, Steel Reinforcement Bar           | 1.52        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.12        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.59        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.24        |                        |                      |
| 03 21 11 00-0165 | LF  | #6, Grade 50, Elevated Slabs, Steel Reinforcement Bar           | 2.10        |                        |                      |
|                  |     | For Up To 100, Add                                              | 1.57        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.83        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.33        |                        |                      |
| 03 21 11 00-0166 | LF  | #3, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | 0.61        |                        |                      |
|                  |     | For Up To 100, Add                                              | 0.44        |                        |                      |
|                  |     | For >100 To 200, Add                                            | 0.24        |                        |                      |
|                  |     | For >200 To 500, Add                                            | 0.09        |                        |                      |



| MINOR            | CSI | UOM                                                             | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 11 00-0167 | LF  | #4, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 1.04                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 0.76                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.41                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.16                      |                         |
| 03 21 11 00-0168 | LF  | #5, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 1.58                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.18                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.62                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.25                      |                         |
| 03 21 11 00-0169 | LF  | #6, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 2.19                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.66                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.88                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.35                      |                         |
| 03 21 11 00-0170 | LF  | #7, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 2.88                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.72                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.99                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.47                      |                         |
| 03 21 11 00-0171 | LF  | #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 3.60                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.19                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.25                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.59                      |                         |
| 03 21 11 00-0172 | LF  | #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar           | .....       | 4.47                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.75                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.56                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.74                      |                         |
| 03 21 11 00-0173 | LF  | #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar          | .....       | 5.50                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.78                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.48                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 0.74                      |                         |
| 03 21 11 00-0174 | LF  | #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar          | .....       | 6.59                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 3.37                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.78                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 0.89                      |                         |
| 03 21 11 00-0175 | LF  | #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar          | .....       | 9.21                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 4.77                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 2.51                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 1.26                      |                         |
| 03 21 11 00-0176 | LF  | #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar          | .....       | 15.88                     |                         |
|                  |     | For Up To 100, Add                                              | .....       | 8.33                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 4.36                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 2.18                      |                         |
| 03 21 11 00-0177 | LF  | #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar           | .....       | 2.28                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.75                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.92                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.37                      |                         |
| 03 21 11 00-0178 | LF  | #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar           | .....       | 3.00                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.81                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.04                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.49                      |                         |
| 03 21 11 00-0179 | LF  | #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar           | .....       | 3.76                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.31                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.31                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.63                      |                         |
| 03 21 11 00-0180 | LF  | #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar           | .....       | 4.67                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.90                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.64                      |                         |
|                  |     | For >200 To 400, Add                                            | .....       | 0.78                      |                         |
| 03 21 11 00-0181 | LF  | #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar          | .....       | 5.75                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 2.93                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.55                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 0.78                      |                         |
| 03 21 11 00-0182 | LF  | #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar          | .....       | 6.90                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 3.56                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 1.88                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 0.94                      |                         |
| 03 21 11 00-0183 | LF  | #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar          | .....       | 9.65                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 5.03                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 2.64                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 1.32                      |                         |
| 03 21 11 00-0184 | LF  | #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar          | .....       | 16.67                     |                         |
|                  |     | For Up To 100, Add                                              | .....       | 8.80                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 4.60                      |                         |
|                  |     | For >200 To 300, Add                                            | .....       | 2.30                      |                         |
| 03 21 11 00-0185 | LF  | #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | .....       | 0.62                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 0.45                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.24                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.10                      |                         |
| 03 21 11 00-0186 | LF  | #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | .....       | 1.07                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 0.79                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.42                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.17                      |                         |
| 03 21 11 00-0187 | LF  | #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar | .....       | 1.63                      |                         |
|                  |     | For Up To 100, Add                                              | .....       | 1.23                      |                         |
|                  |     | For >100 To 200, Add                                            | .....       | 0.65                      |                         |
|                  |     | For >200 To 500, Add                                            | .....       | 0.26                      |                         |



|  |  |                      |       |    |
|--|--|----------------------|-------|----|
|  |  | Concrete             | 03    | CS |
|  |  | Concrete Reinforcing | 03 20 |    |
|  |  | Reinforcement Bars   | 03 21 |    |

| MINOR            |                                                                          | TOTAL DIRECT |  | DEMOLITION |
|------------------|--------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                          | UNIT COST    |  | UNIT COST  |
| 03 21 11 00-0188 | LF #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....  | 2.26         |  |            |
|                  | For Up To 100, Add                                                       | 1.73         |  |            |
|                  | For >100 To 200, Add                                                     | 0.91         |  |            |
|                  | For >200 To 500, Add                                                     | 0.36         |  |            |
| 03 21 11 00-0189 | LF #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....  | 2.97         |  |            |
|                  | For Up To 100, Add                                                       | 1.79         |  |            |
|                  | For >100 To 200, Add                                                     | 1.02         |  |            |
|                  | For >200 To 400, Add                                                     | 0.48         |  |            |
| 03 21 11 00-0190 | LF #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....  | 3.72         |  |            |
|                  | For Up To 100, Add                                                       | 2.28         |  |            |
|                  | For >100 To 200, Add                                                     | 1.30         |  |            |
|                  | For >200 To 400, Add                                                     | 0.62         |  |            |
| 03 21 11 00-0191 | LF #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....  | 4.62         |  |            |
|                  | For Up To 100, Add                                                       | 2.87         |  |            |
|                  | For >100 To 200, Add                                                     | 1.62         |  |            |
|                  | For >200 To 400, Add                                                     | 0.77         |  |            |
| 03 21 11 00-0192 | LF #10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar..... | 5.68         |  |            |
|                  | For Up To 100, Add                                                       | 2.89         |  |            |
|                  | For >100 To 200, Add                                                     | 1.53         |  |            |
|                  | For >200 To 300, Add                                                     | 0.77         |  |            |
| 03 21 11 00-0193 | LF #11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar..... | 6.82         |  |            |
|                  | For Up To 100, Add                                                       | 3.51         |  |            |
|                  | For >100 To 200, Add                                                     | 1.85         |  |            |
|                  | For >200 To 300, Add                                                     | 0.93         |  |            |
| 03 21 11 00-0194 | LF #14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar..... | 9.54         |  |            |
|                  | For Up To 100, Add                                                       | 4.97         |  |            |
|                  | For >100 To 200, Add                                                     | 2.61         |  |            |
|                  | For >200 To 300, Add                                                     | 1.30         |  |            |
| 03 21 11 00-0195 | LF #18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar..... | 16.47        |  |            |
|                  | For Up To 100, Add                                                       | 8.68         |  |            |
|                  | For >100 To 200, Add                                                     | 4.54         |  |            |
|                  | For >200 To 300, Add                                                     | 2.27         |  |            |
| 03 21 11 00-0196 | Walls, Steel Reinforcement Bar (03 21 11)                                |              |  |            |
|                  | Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.                  |              |  |            |
| 03 21 11 00-0197 | LF #3, Grade 40, Walls, Steel Reinforcement Bar.....                     | 0.55         |  |            |
|                  | For Up To 100, Add                                                       | 0.39         |  |            |
|                  | For >100 To 200, Add                                                     | 0.21         |  |            |
|                  | For >200 To 500, Add                                                     | 0.08         |  |            |
| 03 21 11 00-0198 | LF #4, Grade 40, Walls, Steel Reinforcement Bar.....                     | 0.95         |  |            |
|                  | For Up To 100, Add                                                       | 0.69         |  |            |
|                  | For >100 To 200, Add                                                     | 0.37         |  |            |
|                  | For >200 To 500, Add                                                     | 0.15         |  |            |
| 03 21 11 00-0199 | LF #5, Grade 40, Walls, Steel Reinforcement Bar.....                     | 1.43         |  |            |
|                  | For Up To 100, Add                                                       | 1.06         |  |            |
|                  | For >100 To 200, Add                                                     | 0.56         |  |            |
|                  | For >200 To 500, Add                                                     | 0.22         |  |            |
| 03 21 11 00-0200 | LF #6, Grade 40, Walls, Steel Reinforcement Bar.....                     | 1.99         |  |            |
|                  | For Up To 100, Add                                                       | 1.50         |  |            |
|                  | For >100 To 200, Add                                                     | 0.79         |  |            |
|                  | For >200 To 500, Add                                                     | 0.32         |  |            |
| 03 21 11 00-0201 | LF #3, Grade 50, Walls, Steel Reinforcement Bar.....                     | 0.57         |  |            |
|                  | For Up To 100, Add                                                       | 0.41         |  |            |
|                  | For >100 To 200, Add                                                     | 0.22         |  |            |
|                  | For >200 To 500, Add                                                     | 0.09         |  |            |
| 03 21 11 00-0202 | LF #4, Grade 50, Walls, Steel Reinforcement Bar.....                     | 0.97         |  |            |
|                  | For Up To 100, Add                                                       | 0.71         |  |            |
|                  | For >100 To 200, Add                                                     | 0.38         |  |            |
|                  | For >200 To 500, Add                                                     | 0.15         |  |            |
| 03 21 11 00-0203 | LF #5, Grade 50, Walls, Steel Reinforcement Bar.....                     | 1.47         |  |            |
|                  | For Up To 100, Add                                                       | 1.10         |  |            |
|                  | For >100 To 200, Add                                                     | 0.58         |  |            |
|                  | For >200 To 500, Add                                                     | 0.23         |  |            |
| 03 21 11 00-0204 | LF #6, Grade 50, Walls, Steel Reinforcement Bar.....                     | 2.04         |  |            |
|                  | For Up To 100, Add                                                       | 1.55         |  |            |
|                  | For >100 To 200, Add                                                     | 0.82         |  |            |
|                  | For >200 To 500, Add                                                     | 0.33         |  |            |
| 03 21 11 00-0205 | LF #3, Grade 60, Walls, Steel Reinforcement Bar.....                     | 0.59         |  |            |
|                  | For Up To 100, Add                                                       | 0.43         |  |            |
|                  | For >100 To 200, Add                                                     | 0.23         |  |            |
|                  | For >200 To 500, Add                                                     | 0.09         |  |            |
| 03 21 11 00-0206 | LF #4, Grade 60, Walls, Steel Reinforcement Bar.....                     | 1.01         |  |            |
|                  | For Up To 100, Add                                                       | 0.75         |  |            |
|                  | For >100 To 200, Add                                                     | 0.40         |  |            |
|                  | For >200 To 500, Add                                                     | 0.16         |  |            |
| 03 21 11 00-0207 | LF #5, Grade 60, Walls, Steel Reinforcement Bar.....                     | 1.53         |  |            |
|                  | For Up To 100, Add                                                       | 1.16         |  |            |
|                  | For >100 To 200, Add                                                     | 0.61         |  |            |
|                  | For >200 To 500, Add                                                     | 0.24         |  |            |
| 03 21 11 00-0208 | LF #6, Grade 60, Walls, Steel Reinforcement Bar.....                     | 2.13         |  |            |
|                  | For Up To 100, Add                                                       | 1.64         |  |            |
|                  | For >100 To 200, Add                                                     | 0.86         |  |            |
|                  | For >200 To 500, Add                                                     | 0.34         |  |            |



| MINOR            | CSI | UOM                                                    | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 11 00-0209 | LF  | #7, Grade 60, Walls, Steel Reinforcement Bar           | .....       | 2.78                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.69                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.96                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.46                      |                         |
| 03 21 11 00-0210 | LF  | #8, Grade 60, Walls, Steel Reinforcement Bar           | .....       | 3.52                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.16                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.23                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.59                      |                         |
| 03 21 11 00-0211 | LF  | #9, Grade 60, Walls, Steel Reinforcement Bar           | .....       | 4.37                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.72                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.54                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.73                      |                         |
| 03 21 11 00-0212 | LF  | #10, Grade 60, Walls, Steel Reinforcement Bar          | .....       | 5.38                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.74                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.45                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 0.73                      |                         |
| 03 21 11 00-0213 | LF  | #11, Grade 60, Walls, Steel Reinforcement Bar          | .....       | 6.46                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 3.33                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.76                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 0.88                      |                         |
| 03 21 11 00-0214 | LF  | #14, Grade 60, Walls, Steel Reinforcement Bar          | .....       | 9.03                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 4.71                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 2.47                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 1.24                      |                         |
| 03 21 11 00-0215 | LF  | #18, Grade 60, Walls, Steel Reinforcement Bar          | .....       | 15.60                     |                         |
|                  |     | For Up To 100, Add                                     | .....       | 8.24                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 4.31                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 2.15                      |                         |
| 03 21 11 00-0216 | LF  | #6, Grade 75, Walls, Steel Reinforcement Bar           | .....       | 2.22                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.73                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.91                      |                         |
|                  |     | For >200 To 500, Add                                   | .....       | 0.36                      |                         |
| 03 21 11 00-0217 | LF  | #7, Grade 75, Walls, Steel Reinforcement Bar           | .....       | 2.90                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.78                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.01                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.48                      |                         |
| 03 21 11 00-0218 | LF  | #8, Grade 75, Walls, Steel Reinforcement Bar           | .....       | 3.68                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.28                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.29                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.62                      |                         |
| 03 21 11 00-0219 | LF  | #9, Grade 75, Walls, Steel Reinforcement Bar           | .....       | 4.57                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.87                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.62                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.77                      |                         |
| 03 21 11 00-0220 | LF  | #10, Grade 75, Walls, Steel Reinforcement Bar          | .....       | 5.63                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.89                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.53                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 0.76                      |                         |
| 03 21 11 00-0221 | LF  | #11, Grade 75, Walls, Steel Reinforcement Bar          | .....       | 6.77                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 3.52                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.85                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 0.92                      |                         |
| 03 21 11 00-0222 | LF  | #14, Grade 75, Walls, Steel Reinforcement Bar          | .....       | 9.47                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 4.98                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 2.61                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 1.30                      |                         |
| 03 21 11 00-0223 | LF  | #18, Grade 75, Walls, Steel Reinforcement Bar          | .....       | 16.39                     |                         |
|                  |     | For Up To 100, Add                                     | .....       | 8.72                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 4.55                      |                         |
|                  |     | For >200 To 300, Add                                   | .....       | 2.27                      |                         |
| 03 21 11 00-0224 | LF  | #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 0.60                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 0.44                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.24                      |                         |
|                  |     | For >200 To 500, Add                                   | .....       | 0.09                      |                         |
| 03 21 11 00-0225 | LF  | #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 1.04                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 0.78                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.41                      |                         |
|                  |     | For >200 To 500, Add                                   | .....       | 0.17                      |                         |
| 03 21 11 00-0226 | LF  | #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 1.58                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.21                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.64                      |                         |
|                  |     | For >200 To 500, Add                                   | .....       | 0.25                      |                         |
| 03 21 11 00-0227 | LF  | #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 2.20                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.71                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 0.90                      |                         |
|                  |     | For >200 To 500, Add                                   | .....       | 0.36                      |                         |
| 03 21 11 00-0228 | LF  | #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 2.87                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 1.75                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.00                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.47                      |                         |
| 03 21 11 00-0229 | LF  | #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar | .....       | 3.64                      |                         |
|                  |     | For Up To 100, Add                                     | .....       | 2.25                      |                         |
|                  |     | For >100 To 200, Add                                   | .....       | 1.28                      |                         |
|                  |     | For >200 To 400, Add                                   | .....       | 0.61                      |                         |



|  |                             |              |  |
|--|-----------------------------|--------------|--|
|  | <b>Concrete</b>             | <b>03</b>    |  |
|  | <b>Concrete Reinforcing</b> | <b>03 20</b> |  |
|  | <b>Reinforcement Bars</b>   | <b>03 21</b> |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                              | TOTAL DIRECT<br>UNIT COST     | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|
| 03 21 11 00-0230 LF #9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 400, Add .....  | 4.52<br>2.83<br>1.60<br>0.76  |                         |
| 03 21 11 00-0231 LF #10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 5.56<br>2.85<br>1.51<br>0.75  |                         |
| 03 21 11 00-0232 LF #11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 6.69<br>3.47<br>1.83<br>0.91  |                         |
| 03 21 11 00-0233 LF #14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 9.36<br>4.91<br>2.57<br>1.29  |                         |
| 03 21 11 00-0234 LF #18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 16.19<br>8.60<br>4.49<br>2.24 |                         |
| 03 21 11 00-0235 Mechanical Joint Connection (03 21 11)                                                                                                                   |                               |                         |
| 03 21 11 00-0236 Thermal Type Mechanical Joint Connection (03 21 11 00-0235)                                                                                              |                               |                         |
| 03 21 11 00-0237 EA Thermal Type Mechanical Joint Connection, Add Per Splice .....                                                                                        | 234.48                        |                         |
| 03 21 11 00-0238 Screwed Type Mechanical Joint Connection (03 21 11 00-0235)                                                                                              |                               |                         |
| 03 21 11 00-0239 EA Screwed Type Mechanical Joint Connection, Add Per Splice .....                                                                                        | 128.08                        |                         |
| 03 21 11 00-0240 Deformed Straight Dowels (03 21 11)<br>Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.                               |                               |                         |
| 03 21 11 00-0241 EA 3/8" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                | 2.75<br>-0.34<br>-0.17        |                         |
| 03 21 11 00-0242 EA 1/2" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                | 3.29<br>-0.45<br>-0.22        |                         |
| 03 21 11 00-0243 EA 5/8" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                | 4.05<br>-0.70<br>-0.35        |                         |
| 03 21 11 00-0244 EA 3/4" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                | 4.95<br>-1.02<br>-0.51        |                         |
| 03 21 11 00-0245 EA 7/8" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                | 5.89<br>-1.42<br>-0.71        |                         |
| 03 21 11 00-0246 EA 1" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....                  | 7.43<br>-1.82<br>-0.91        |                         |
| 03 21 11 00-0247 EA 1-1/8" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....              | 8.78<br>-2.24<br>-1.12        |                         |
| 03 21 11 00-0248 EA 1-1/4" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....              | 10.79<br>-2.93<br>-1.46       |                         |
| 03 21 11 00-0249 EA 1-3/8" Diameter x 24" Long, Deformed Straight Dowel .....<br>For Up To 12" Length, Deduct .....<br>For >12" To <24" Length, Deduct .....              | 12.84<br>-3.62<br>-1.81       |                         |
| 03 21 11 00-0250 Spirals, Reinforcing Steel (03 21 11)                                                                                                                    |                               |                         |
| 03 21 11 00-0251 TON Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                            | 3,501.23<br>133.51            |                         |
| 03 21 11 00-0252 TON >15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,459.91<br>133.51            |                         |
| 03 21 11 00-0253 TON >24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,428.42<br>133.51            |                         |
| 03 21 11 00-0254 TON >36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,376.88<br>133.51            |                         |
| 03 21 11 00-0255 TON >48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,307.20<br>133.51            |                         |
| 03 21 11 00-0256 TON >64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,282.07<br>136.79            |                         |
| 03 21 11 00-0257 TON >84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel .....<br>For Grade 75, Add .....                                                          | 3,223.73<br>136.79            |                         |
| 03 21 11 00-0258 Dowel Or Hairpin, Drilled And Epoxy Into Concrete (03 21 11)                                                                                             |                               |                         |
| 03 21 11 00-0259 EA Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment .....                                                               | 26.41                         |                         |
| 03 21 11 00-0260 EA Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment .....                                                       | 27.65                         |                         |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                      |       |  |
|------------------|------------------------------------------------------|-------|--|
| 03 21 11 00-0261 | Accessories For Reinforcing Steel (03 21 11)         |       |  |
| 03 21 11 00-0262 | Reinforcing Steel Lap-Weld Splice (03 21 11 00-0261) |       |  |
| 03 21 11 00-0263 | EA Up To #6 Reinforcing Steel Lap-Weld Splice.....   | 61.43 |  |
| 03 21 11 00-0264 | EA >#6 Reinforcing Steel Lap-Weld Splice .....       | 97.94 |  |

|                  |                                                                    |       |  |
|------------------|--------------------------------------------------------------------|-------|--|
| 03 21 11 00-0265 | Reinforcing Steel Sleeve And Wedge Splice Joint (03 21 11 00-0261) |       |  |
| 03 21 11 00-0266 | EA Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint.....  | 33.35 |  |
| 03 21 11 00-0267 | EA #5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....        | 50.94 |  |
| 03 21 11 00-0268 | EA #6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....        | 75.99 |  |

### 03 21 13 Galvanized Reinforcement Steel Bars (03 21)

|                                               |                                                                              |      |  |
|-----------------------------------------------|------------------------------------------------------------------------------|------|--|
| 03 21 13 00-0001                              | Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)             |      |  |
| Note: ASTM A-767 Hot Dipped Galvanized Steel. |                                                                              |      |  |
| 03 21 13 00-0002                              | LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 0.85 |  |
|                                               | For Up To 100, Add                                                           | 0.60 |  |
|                                               | For >100 To 200, Add                                                         | 0.32 |  |
|                                               | For >200 To 500, Add                                                         | 0.13 |  |
| 03 21 13 00-0003                              | LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 1.44 |  |
|                                               | For Up To 100, Add                                                           | 1.04 |  |
|                                               | For >100 To 200, Add                                                         | 0.56 |  |
|                                               | For >200 To 500, Add                                                         | 0.22 |  |
| 03 21 13 00-0004                              | LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 2.17 |  |
|                                               | For Up To 100, Add                                                           | 1.60 |  |
|                                               | For >100 To 200, Add                                                         | 0.85 |  |
|                                               | For >200 To 500, Add                                                         | 0.34 |  |
| 03 21 13 00-0005                              | LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 3.02 |  |
|                                               | For Up To 100, Add                                                           | 2.26 |  |
|                                               | For >100 To 200, Add                                                         | 1.20 |  |
|                                               | For >200 To 500, Add                                                         | 0.48 |  |
| 03 21 13 00-0006                              | LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 0.87 |  |
|                                               | For Up To 100, Add                                                           | 0.62 |  |
|                                               | For >100 To 200, Add                                                         | 0.33 |  |
|                                               | For >200 To 500, Add                                                         | 0.13 |  |
| 03 21 13 00-0007                              | LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 1.47 |  |
|                                               | For Up To 100, Add                                                           | 1.07 |  |
|                                               | For >100 To 200, Add                                                         | 0.57 |  |
|                                               | For >200 To 500, Add                                                         | 0.23 |  |
| 03 21 13 00-0008                              | LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 2.21 |  |
|                                               | For Up To 100, Add                                                           | 1.64 |  |
|                                               | For >100 To 200, Add                                                         | 0.87 |  |
|                                               | For >200 To 500, Add                                                         | 0.35 |  |
| 03 21 13 00-0009                              | LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 3.08 |  |
|                                               | For Up To 100, Add                                                           | 2.32 |  |
|                                               | For >100 To 200, Add                                                         | 1.23 |  |
|                                               | For >200 To 500, Add                                                         | 0.49 |  |
| 03 21 13 00-0010                              | LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 0.89 |  |
|                                               | For Up To 100, Add                                                           | 0.64 |  |
|                                               | For >100 To 200, Add                                                         | 0.34 |  |
|                                               | For >200 To 500, Add                                                         | 0.14 |  |
| 03 21 13 00-0011                              | LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 1.51 |  |
|                                               | For Up To 100, Add                                                           | 1.11 |  |
|                                               | For >100 To 200, Add                                                         | 0.59 |  |
|                                               | For >200 To 500, Add                                                         | 0.24 |  |
| 03 21 13 00-0012                              | LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 2.28 |  |
|                                               | For Up To 100, Add                                                           | 1.71 |  |
|                                               | For >100 To 200, Add                                                         | 0.90 |  |
|                                               | For >200 To 500, Add                                                         | 0.36 |  |
| 03 21 13 00-0013                              | LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 3.17 |  |
|                                               | For Up To 100, Add                                                           | 2.41 |  |
|                                               | For >100 To 200, Add                                                         | 1.27 |  |
|                                               | For >200 To 500, Add                                                         | 0.51 |  |
| 03 21 13 00-0014                              | LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 4.16 |  |
|                                               | For Up To 100, Add                                                           | 2.50 |  |
|                                               | For >100 To 200, Add                                                         | 1.43 |  |
|                                               | For >200 To 400, Add                                                         | 0.68 |  |
| 03 21 13 00-0015                              | LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 5.22 |  |
|                                               | For Up To 100, Add                                                           | 3.18 |  |
|                                               | For >100 To 200, Add                                                         | 1.81 |  |
|                                               | For >200 To 400, Add                                                         | 0.86 |  |
| 03 21 13 00-0016                              | LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....  | 6.46 |  |
|                                               | For Up To 100, Add                                                           | 3.99 |  |
|                                               | For >100 To 200, Add                                                         | 2.26 |  |
|                                               | For >200 To 400, Add                                                         | 1.08 |  |
| 03 21 13 00-0017                              | LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar..... | 7.96 |  |
|                                               | For Up To 100, Add                                                           | 4.03 |  |
|                                               | For >100 To 200, Add                                                         | 2.14 |  |
|                                               | For >200 To 300, Add                                                         | 1.07 |  |





|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                                  | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 13 00-0018 | LF  | #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 9.54                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 4.89                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 2.58                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 1.29                   |                      |
| 03 21 13 00-0019 | LF  | #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 13.33                  |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 6.92                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 3.64                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 1.82                   |                      |
| 03 21 13 00-0020 | LF  | #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 22.99                  |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 12.08                  |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 6.33                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 3.16                   |                      |
| 03 21 13 00-0021 | LF  | #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar  | .....       | 3.26                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 2.50                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 1.32                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.53                   |                      |
| 03 21 13 00-0022 | LF  | #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar  | .....       | 4.28                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 2.59                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 1.48                   |                      |
|                  |     | For >200 To 400, Add                                                 | .....       | 0.70                   |                      |
| 03 21 13 00-0023 | LF  | #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar  | .....       | 5.38                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 3.30                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 1.88                   |                      |
|                  |     | For >200 To 400, Add                                                 | .....       | 0.89                   |                      |
| 03 21 13 00-0024 | LF  | #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar  | .....       | 6.66                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 4.14                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 2.34                   |                      |
|                  |     | For >200 To 400, Add                                                 | .....       | 1.12                   |                      |
| 03 21 13 00-0025 | LF  | #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 8.21                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 4.18                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 2.21                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 1.11                   |                      |
| 03 21 13 00-0026 | LF  | #11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 9.85                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 5.07                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 2.68                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 1.34                   |                      |
| 03 21 13 00-0027 | LF  | #14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 13.77                  |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 7.18                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 3.77                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 1.89                   |                      |
| 03 21 13 00-0028 | LF  | #18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar | .....       | 23.78                  |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 12.56                  |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 6.56                   |                      |
|                  |     | For >200 To 300, Add                                                 | .....       | 3.28                   |                      |
| 03 21 13 00-0029 |     | Columns, Galvanized Steel Reinforcement Bar (03 21 13)               |             |                        |                      |
|                  |     | Note: ASTM A-767 Hot Dipped Galvanized Steel.                        |             |                        |                      |
| 03 21 13 00-0030 | LF  | #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar            | .....       | 0.88                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 0.62                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.33                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.13                   |                      |
| 03 21 13 00-0031 | LF  | #4, Grade 40, Columns, Galvanized Steel Reinforcement Bar            | .....       | 1.51                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 1.07                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.57                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.23                   |                      |
| 03 21 13 00-0032 | LF  | #5, Grade 40, Columns, Galvanized Steel Reinforcement Bar            | .....       | 2.26                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 1.64                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.87                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.35                   |                      |
| 03 21 13 00-0033 | LF  | #6, Grade 40, Columns, Galvanized Steel Reinforcement Bar            | .....       | 3.15                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 2.32                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 1.23                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.49                   |                      |
| 03 21 13 00-0034 | LF  | #3, Grade 50, Columns, Galvanized Steel Reinforcement Bar            | .....       | 0.90                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 0.64                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.34                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.14                   |                      |
| 03 21 13 00-0035 | LF  | #4, Grade 50, Columns, Galvanized Steel Reinforcement Bar            | .....       | 1.54                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 1.10                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.59                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.24                   |                      |
| 03 21 13 00-0036 | LF  | #5, Grade 50, Columns, Galvanized Steel Reinforcement Bar            | .....       | 2.30                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 1.68                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.89                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.36                   |                      |
| 03 21 13 00-0037 | LF  | #6, Grade 50, Columns, Galvanized Steel Reinforcement Bar            | .....       | 3.21                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 2.38                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 1.26                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.50                   |                      |
| 03 21 13 00-0038 | LF  | #3, Grade 60, Columns, Galvanized Steel Reinforcement Bar            | .....       | 0.92                   |                      |
|                  |     | For Up To 100, Add                                                   | .....       | 0.66                   |                      |
|                  |     | For >100 To 200, Add                                                 | .....       | 0.35                   |                      |
|                  |     | For >200 To 500, Add                                                 | .....       | 0.14                   |                      |



| MINOR            | CSI | UOM                                                        | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 13 00-0039 | LF  | #4, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 1.58                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 1.14                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 0.61                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.24                      |                         |
| 03 21 13 00-0040 | LF  | #5, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 2.37                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 1.75                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 0.93                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.37                      |                         |
| 03 21 13 00-0041 | LF  | #6, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 3.30                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 2.47                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.30                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.52                      |                         |
| 03 21 13 00-0042 | LF  | #7, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 4.31                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 2.55                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.47                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 0.69                      |                         |
| 03 21 13 00-0043 | LF  | #8, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 5.40                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 3.25                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.86                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 0.88                      |                         |
| 03 21 13 00-0044 | LF  | #9, Grade 60, Columns, Galvanized Steel Reinforcement Bar  | .....       | 6.67                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 4.06                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.32                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 1.10                      |                         |
| 03 21 13 00-0045 | LF  | #10, Grade 60, Columns, Galvanized Steel Reinforcement Bar | .....       | 8.20                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 4.10                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.19                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.09                      |                         |
| 03 21 13 00-0046 | LF  | #11, Grade 60, Columns, Galvanized Steel Reinforcement Bar | .....       | 9.81                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 4.97                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.64                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.32                      |                         |
| 03 21 13 00-0047 | LF  | #14, Grade 60, Columns, Galvanized Steel Reinforcement Bar | .....       | 13.70                     |                         |
|                  |     | For Up To 100, Add                                         | .....       | 7.03                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 3.71                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.86                      |                         |
| 03 21 13 00-0048 | LF  | #18, Grade 60, Columns, Galvanized Steel Reinforcement Bar | .....       | 23.56                     |                         |
|                  |     | For Up To 100, Add                                         | .....       | 12.25                     |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 6.44                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 3.22                      |                         |
| 03 21 13 00-0049 | LF  | #6, Grade 75, Columns, Galvanized Steel Reinforcement Bar  | .....       | 3.39                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 2.56                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.35                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.54                      |                         |
| 03 21 13 00-0050 | LF  | #7, Grade 75, Columns, Galvanized Steel Reinforcement Bar  | .....       | 4.43                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 2.64                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.52                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 0.72                      |                         |
| 03 21 13 00-0051 | LF  | #8, Grade 75, Columns, Galvanized Steel Reinforcement Bar  | .....       | 5.56                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 3.37                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 1.92                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 0.91                      |                         |
| 03 21 13 00-0052 | LF  | #9, Grade 75, Columns, Galvanized Steel Reinforcement Bar  | .....       | 6.87                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 4.21                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.40                      |                         |
|                  |     | For >200 To 400, Add                                       | .....       | 1.14                      |                         |
| 03 21 13 00-0053 | LF  | #10, Grade 75, Columns, Galvanized Steel Reinforcement Bar | .....       | 8.45                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 4.25                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.26                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.13                      |                         |
| 03 21 13 00-0054 | LF  | #11, Grade 75, Columns, Galvanized Steel Reinforcement Bar | .....       | 10.12                     |                         |
|                  |     | For Up To 100, Add                                         | .....       | 5.15                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 2.73                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.37                      |                         |
| 03 21 13 00-0055 | LF  | #14, Grade 75, Columns, Galvanized Steel Reinforcement Bar | .....       | 14.14                     |                         |
|                  |     | For Up To 100, Add                                         | .....       | 7.29                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 3.84                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 1.92                      |                         |
| 03 21 13 00-0056 | LF  | #18, Grade 75, Columns, Galvanized Steel Reinforcement Bar | .....       | 24.35                     |                         |
|                  |     | For Up To 100, Add                                         | .....       | 12.73                     |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 6.68                      |                         |
|                  |     | For >200 To 300, Add                                       | .....       | 3.34                      |                         |
| 03 21 13 00-0057 |     | Footings, Galvanized Steel Reinforcement Bar (03 21 13)    |             |                           |                         |
|                  |     | Note: ASTM A-767 Hot Dipped Galvanized Steel.              |             |                           |                         |
| 03 21 13 00-0058 | LF  | #3, Grade 40, Footings, Galvanized Steel Reinforcement Bar | .....       | 0.78                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 0.58                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 0.31                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.12                      |                         |
| 03 21 13 00-0059 | LF  | #4, Grade 40, Footings, Galvanized Steel Reinforcement Bar | .....       | 1.34                      |                         |
|                  |     | For Up To 100, Add                                         | .....       | 1.00                      |                         |
|                  |     | For >100 To 200, Add                                       | .....       | 0.53                      |                         |
|                  |     | For >200 To 500, Add                                       | .....       | 0.21                      |                         |



|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                         | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 13 00-0060 | LF  | #5, Grade 40, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.04                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 1.55                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.62                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.33                   |                      |
| 03 21 13 00-0061 | LF  | #6, Grade 40, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.84                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.19                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.15                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.46                   |                      |
| 03 21 13 00-0062 | LF  | #3, Grade 50, Footings, Galvanized Steel Reinforcement Bar  | .....       | 0.80                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 0.60                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.32                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.13                   |                      |
| 03 21 13 00-0063 | LF  | #4, Grade 50, Footings, Galvanized Steel Reinforcement Bar  | .....       | 1.37                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 1.03                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.55                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.22                   |                      |
| 03 21 13 00-0064 | LF  | #5, Grade 50, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.08                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 1.59                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.84                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.33                   |                      |
| 03 21 13 00-0065 | LF  | #6, Grade 50, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.90                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.25                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.18                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.47                   |                      |
| 03 21 13 00-0066 | LF  | #3, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 0.82                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 0.62                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.33                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.13                   |                      |
| 03 21 13 00-0067 | LF  | #4, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 1.41                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 1.07                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.57                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.23                   |                      |
| 03 21 13 00-0068 | LF  | #5, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.15                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 1.66                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 0.87                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.35                   |                      |
| 03 21 13 00-0069 | LF  | #6, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 2.99                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.34                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.23                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.49                   |                      |
| 03 21 13 00-0070 | LF  | #7, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 3.93                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.42                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.37                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 0.65                   |                      |
| 03 21 13 00-0071 | LF  | #8, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 4.95                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 3.09                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.75                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 0.83                   |                      |
| 03 21 13 00-0072 | LF  | #9, Grade 60, Footings, Galvanized Steel Reinforcement Bar  | .....       | 6.14                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 3.88                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 2.18                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 1.05                   |                      |
| 03 21 13 00-0073 | LF  | #10, Grade 60, Footings, Galvanized Steel Reinforcement Bar | .....       | 7.58                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 3.92                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 2.06                   |                      |
|                  |     | For >200 To 300, Add                                        | .....       | 1.03                   |                      |
| 03 21 13 00-0074 | LF  | #11, Grade 60, Footings, Galvanized Steel Reinforcement Bar | .....       | 9.12                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 4.76                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 2.50                   |                      |
|                  |     | For >200 To 300, Add                                        | .....       | 1.25                   |                      |
| 03 21 13 00-0075 | LF  | #14, Grade 60, Footings, Galvanized Steel Reinforcement Bar | .....       | 12.79                  |                      |
|                  |     | For Up To 100, Add                                          | .....       | 6.75                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 3.53                   |                      |
|                  |     | For >200 To 300, Add                                        | .....       | 1.77                   |                      |
| 03 21 13 00-0076 | LF  | #18, Grade 60, Footings, Galvanized Steel Reinforcement Bar | .....       | 22.13                  |                      |
|                  |     | For Up To 100, Add                                          | .....       | 11.62                  |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 6.15                   |                      |
|                  |     | For >200 To 300, Add                                        | .....       | 3.08                   |                      |
| 03 21 13 00-0077 | LF  | #6, Grade 75, Footings, Galvanized Steel Reinforcement Bar  | .....       | 3.08                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.43                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.27                   |                      |
|                  |     | For >200 To 500, Add                                        | .....       | 0.51                   |                      |
| 03 21 13 00-0078 | LF  | #7, Grade 75, Footings, Galvanized Steel Reinforcement Bar  | .....       | 4.05                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 2.51                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.42                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 0.68                   |                      |
| 03 21 13 00-0079 | LF  | #8, Grade 75, Footings, Galvanized Steel Reinforcement Bar  | .....       | 5.11                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 3.21                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 1.81                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 0.87                   |                      |
| 03 21 13 00-0080 | LF  | #9, Grade 75, Footings, Galvanized Steel Reinforcement Bar  | .....       | 6.34                   |                      |
|                  |     | For Up To 100, Add                                          | .....       | 4.03                   |                      |
|                  |     | For >100 To 200, Add                                        | .....       | 2.26                   |                      |
|                  |     | For >200 To 400, Add                                        | .....       | 1.09                   |                      |



| MINOR                                                                                | CSI | UOM | DESCRIPTION                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 13 00-0081                                                                     | LF  |     | #10, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....      | 7.83                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 4.07                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 2.14                      |                         |
|                                                                                      |     |     | For >200 To 300, Add .....                                             | 1.07                      |                         |
| 03 21 13 00-0082                                                                     | LF  |     | #11, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....      | 9.43                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 4.95                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 2.59                      |                         |
|                                                                                      |     |     | For >200 To 300, Add .....                                             | 1.30                      |                         |
| 03 21 13 00-0083                                                                     | LF  |     | #14, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....      | 13.23                     |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 7.02                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 3.66                      |                         |
|                                                                                      |     |     | For >200 To 300, Add .....                                             | 1.83                      |                         |
| 03 21 13 00-0084                                                                     | LF  |     | #18, Grade 75, Footings, Galvanized Steel Reinforcement Bar .....      | 22.92                     |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 12.30                     |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 6.39                      |                         |
|                                                                                      |     |     | For >200 To 300, Add .....                                             | 3.20                      |                         |
| <b>03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)</b> |     |     |                                                                        |                           |                         |
| Note: ASTM A-767 Hot Dipped Galvanized Steel.                                        |     |     |                                                                        |                           |                         |
| 03 21 13 00-0086                                                                     | LF  |     | #3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 0.76                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 0.57                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.30                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.12                      |                         |
| 03 21 13 00-0087                                                                     | LF  |     | #4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 1.31                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 0.99                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.52                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.21                      |                         |
| 03 21 13 00-0088                                                                     | LF  |     | #5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 1.98                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 1.52                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.80                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.32                      |                         |
| 03 21 13 00-0089                                                                     | LF  |     | #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 2.76                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 2.16                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 1.13                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.45                      |                         |
| 03 21 13 00-0090                                                                     | LF  |     | #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 0.78                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 0.59                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.31                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.12                      |                         |
| 03 21 13 00-0091                                                                     | LF  |     | #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 1.34                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 1.02                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.54                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.22                      |                         |
| 03 21 13 00-0092                                                                     | LF  |     | #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 2.02                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 1.56                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.82                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.33                      |                         |
| 03 21 13 00-0093                                                                     | LF  |     | #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 2.82                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 2.22                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 1.16                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.46                      |                         |
| 03 21 13 00-0094                                                                     | LF  |     | #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 0.80                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 0.61                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.32                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.13                      |                         |
| 03 21 13 00-0095                                                                     | LF  |     | #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 1.38                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 1.06                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.56                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.22                      |                         |
| 03 21 13 00-0096                                                                     | LF  |     | #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 2.09                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 1.63                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 0.86                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.34                      |                         |
| 03 21 13 00-0097                                                                     | LF  |     | #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 2.91                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 2.31                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 1.21                      |                         |
|                                                                                      |     |     | For >200 To 500, Add .....                                             | 0.48                      |                         |
| 03 21 13 00-0098                                                                     | LF  |     | #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 3.85                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 2.39                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 1.35                      |                         |
|                                                                                      |     |     | For >200 To 400, Add .....                                             | 0.65                      |                         |
| 03 21 13 00-0099                                                                     | LF  |     | #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 4.85                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 3.05                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 1.72                      |                         |
|                                                                                      |     |     | For >200 To 400, Add .....                                             | 0.82                      |                         |
| 03 21 13 00-0100                                                                     | LF  |     | #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....  | 6.03                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 3.84                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 2.16                      |                         |
|                                                                                      |     |     | For >200 To 400, Add .....                                             | 1.04                      |                         |
| 03 21 13 00-0101                                                                     | LF  |     | #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar ..... | 7.45                      |                         |
|                                                                                      |     |     | For Up To 100, Add .....                                               | 3.88                      |                         |
|                                                                                      |     |     | For >100 To 200, Add .....                                             | 2.04                      |                         |
|                                                                                      |     |     | For >200 To 300, Add .....                                             | 1.02                      |                         |



|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                              | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 13 00-0102 | LF  | #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 8.99        |                        |                      |
|                  |     | For Up To 100, Add                                               | 4.72        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 2.47        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 1.24        |                        |                      |
| 03 21 13 00-0103 | LF  | #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 12.60       |                        |                      |
|                  |     | For Up To 100, Add                                               | 6.70        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 3.49        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 1.75        |                        |                      |
| 03 21 13 00-0104 | LF  | #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar | 21.85       |                        |                      |
|                  |     | For Up To 100, Add                                               | 11.74       |                        |                      |
|                  |     | For >100 To 200, Add                                             | 6.10        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 3.05        |                        |                      |
| 03 21 13 00-0105 | LF  | #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar  | 3.00        |                        |                      |
|                  |     | For Up To 100, Add                                               | 2.40        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 1.25        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.50        |                        |                      |
| 03 21 13 00-0106 | LF  | #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar  | 3.97        |                        |                      |
|                  |     | For Up To 100, Add                                               | 2.48        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 1.40        |                        |                      |
|                  |     | For >200 To 400, Add                                             | 0.67        |                        |                      |
| 03 21 13 00-0107 | LF  | #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar  | 5.01        |                        |                      |
|                  |     | For Up To 100, Add                                               | 3.17        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 1.79        |                        |                      |
|                  |     | For >200 To 400, Add                                             | 0.86        |                        |                      |
| 03 21 13 00-0108 | LF  | #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar  | 6.23        |                        |                      |
|                  |     | For Up To 100, Add                                               | 3.99        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 2.24        |                        |                      |
|                  |     | For >200 To 400, Add                                             | 1.08        |                        |                      |
| 03 21 13 00-0109 | LF  | #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 7.70        |                        |                      |
|                  |     | For Up To 100, Add                                               | 4.03        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 2.11        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 1.06        |                        |                      |
| 03 21 13 00-0110 | LF  | #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 9.30        |                        |                      |
|                  |     | For Up To 100, Add                                               | 4.91        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 2.57        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 1.28        |                        |                      |
| 03 21 13 00-0111 | LF  | #14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 13.04       |                        |                      |
|                  |     | For Up To 100, Add                                               | 6.96        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 3.62        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 1.81        |                        |                      |
| 03 21 13 00-0112 | LF  | #18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar | 22.64       |                        |                      |
|                  |     | For Up To 100, Add                                               | 12.21       |                        |                      |
|                  |     | For >100 To 200, Add                                             | 6.34        |                        |                      |
|                  |     | For >200 To 300, Add                                             | 3.17        |                        |                      |
| 03 21 13 00-0113 |     | Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)    |             |                        |                      |
|                  |     | Note: ASTM A-767 Hot Dipped Galvanized Steel.                    |             |                        |                      |
| 03 21 13 00-0114 | LF  | #3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.72        |                        |                      |
|                  |     | For Up To 100, Add                                               | 0.55        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.29        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.12        |                        |                      |
| 03 21 13 00-0115 | LF  | #4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.24        |                        |                      |
|                  |     | For Up To 100, Add                                               | 0.96        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.51        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.20        |                        |                      |
| 03 21 13 00-0116 | LF  | #5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.89        |                        |                      |
|                  |     | For Up To 100, Add                                               | 1.49        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.78        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.31        |                        |                      |
| 03 21 13 00-0117 | LF  | #6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.64        |                        |                      |
|                  |     | For Up To 100, Add                                               | 2.11        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 1.10        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.44        |                        |                      |
| 03 21 13 00-0118 | LF  | #3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.74        |                        |                      |
|                  |     | For Up To 100, Add                                               | 0.57        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.30        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.12        |                        |                      |
| 03 21 13 00-0119 | LF  | #4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.27        |                        |                      |
|                  |     | For Up To 100, Add                                               | 0.99        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.52        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.21        |                        |                      |
| 03 21 13 00-0120 | LF  | #5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 1.93        |                        |                      |
|                  |     | For Up To 100, Add                                               | 1.53        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.80        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.32        |                        |                      |
| 03 21 13 00-0121 | LF  | #6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar | 2.70        |                        |                      |
|                  |     | For Up To 100, Add                                               | 2.17        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 1.13        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.45        |                        |                      |
| 03 21 13 00-0122 | LF  | #3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 0.76        |                        |                      |
|                  |     | For Up To 100, Add                                               | 0.59        |                        |                      |
|                  |     | For >100 To 200, Add                                             | 0.31        |                        |                      |
|                  |     | For >200 To 500, Add                                             | 0.12        |                        |                      |



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                      |       |  |
|------------------|----------------------------------------------------------------------|-------|--|
| 03 21 13 00-0123 | LF #4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 1.31  |  |
|                  | For Up To 100, Add                                                   | 1.03  |  |
|                  | For >100 To 200, Add                                                 | 0.54  |  |
|                  | For >200 To 500, Add                                                 | 0.22  |  |
| 03 21 13 00-0124 | LF #5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 2.00  |  |
|                  | For Up To 100, Add                                                   | 1.60  |  |
|                  | For >100 To 200, Add                                                 | 0.83  |  |
|                  | For >200 To 500, Add                                                 | 0.33  |  |
| 03 21 13 00-0125 | LF #6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 2.79  |  |
|                  | For Up To 100, Add                                                   | 2.26  |  |
|                  | For >100 To 200, Add                                                 | 1.18  |  |
|                  | For >200 To 500, Add                                                 | 0.47  |  |
| 03 21 13 00-0126 | LF #7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 3.70  |  |
|                  | For Up To 100, Add                                                   | 2.34  |  |
|                  | For >100 To 200, Add                                                 | 1.32  |  |
|                  | For >200 To 400, Add                                                 | 0.63  |  |
| 03 21 13 00-0127 | LF #8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 4.66  |  |
|                  | For Up To 100, Add                                                   | 2.99  |  |
|                  | For >100 To 200, Add                                                 | 1.67  |  |
|                  | For >200 To 400, Add                                                 | 0.81  |  |
| 03 21 13 00-0128 | LF #9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 5.82  |  |
|                  | For Up To 100, Add                                                   | 3.77  |  |
|                  | For >100 To 200, Add                                                 | 2.10  |  |
|                  | For >200 To 400, Add                                                 | 1.01  |  |
| 03 21 13 00-0129 | LF #10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 7.21  |  |
|                  | For Up To 100, Add                                                   | 3.80  |  |
|                  | For >100 To 200, Add                                                 | 1.99  |  |
|                  | For >200 To 300, Add                                                 | 0.99  |  |
| 03 21 13 00-0130 | LF #11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 8.70  |  |
|                  | For Up To 100, Add                                                   | 4.64  |  |
|                  | For >100 To 200, Add                                                 | 2.42  |  |
|                  | For >200 To 300, Add                                                 | 1.21  |  |
| 03 21 13 00-0131 | LF #14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 12.25 |  |
|                  | For Up To 100, Add                                                   | 6.59  |  |
|                  | For >100 To 200, Add                                                 | 3.42  |  |
|                  | For >200 To 300, Add                                                 | 1.71  |  |
| 03 21 13 00-0132 | LF #18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar | 21.28 |  |
|                  | For Up To 100, Add                                                   | 11.57 |  |
|                  | For >100 To 200, Add                                                 | 5.98  |  |
|                  | For >200 To 300, Add                                                 | 2.99  |  |
| 03 21 13 00-0133 | LF #6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 2.88  |  |
|                  | For Up To 100, Add                                                   | 2.35  |  |
|                  | For >100 To 200, Add                                                 | 1.22  |  |
|                  | For >200 To 500, Add                                                 | 0.49  |  |
| 03 21 13 00-0134 | LF #7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 3.82  |  |
|                  | For Up To 100, Add                                                   | 2.43  |  |
|                  | For >100 To 200, Add                                                 | 1.36  |  |
|                  | For >200 To 400, Add                                                 | 0.65  |  |
| 03 21 13 00-0135 | LF #8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 4.82  |  |
|                  | For Up To 100, Add                                                   | 3.11  |  |
|                  | For >100 To 200, Add                                                 | 1.74  |  |
|                  | For >200 To 400, Add                                                 | 0.84  |  |
| 03 21 13 00-0136 | LF #9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar  | 6.02  |  |
|                  | For Up To 100, Add                                                   | 3.92  |  |
|                  | For >100 To 200, Add                                                 | 2.18  |  |
|                  | For >200 To 400, Add                                                 | 1.05  |  |
| 03 21 13 00-0137 | LF #10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 7.46  |  |
|                  | For Up To 100, Add                                                   | 3.95  |  |
|                  | For >100 To 200, Add                                                 | 2.06  |  |
|                  | For >200 To 300, Add                                                 | 1.03  |  |
| 03 21 13 00-0138 | LF #11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 9.01  |  |
|                  | For Up To 100, Add                                                   | 4.82  |  |
|                  | For >100 To 200, Add                                                 | 2.51  |  |
|                  | For >200 To 300, Add                                                 | 1.25  |  |
| 03 21 13 00-0139 | LF #14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 12.69 |  |
|                  | For Up To 100, Add                                                   | 6.86  |  |
|                  | For >100 To 200, Add                                                 | 3.55  |  |
|                  | For >200 To 300, Add                                                 | 1.78  |  |
| 03 21 13 00-0140 | LF #18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar | 22.07 |  |
|                  | For Up To 100, Add                                                   | 12.04 |  |
|                  | For >100 To 200, Add                                                 | 6.22  |  |
|                  | For >200 To 300, Add                                                 | 3.11  |  |
| 03 21 13 00-0141 | Walls, Galvanized Steel Reinforcement Bar (03 21 13)                 |       |  |
|                  | Note: ASTM A-767 Hot Dipped Galvanized Steel.                        |       |  |
| 03 21 13 00-0142 | LF #3, Grade 40, Walls, Galvanized Steel Reinforcement Bar           | 0.70  |  |
|                  | For Up To 100, Add                                                   | 0.54  |  |
|                  | For >100 To 200, Add                                                 | 0.29  |  |
|                  | For >200 To 500, Add                                                 | 0.11  |  |
| 03 21 13 00-0143 | LF #4, Grade 40, Walls, Galvanized Steel Reinforcement Bar           | 1.21  |  |
|                  | For Up To 100, Add                                                   | 0.95  |  |
|                  | For >100 To 200, Add                                                 | 0.50  |  |
|                  | For >200 To 500, Add                                                 | 0.20  |  |



|  |  |                      |       |    |
|--|--|----------------------|-------|----|
|  |  | Concrete             | 03    | CS |
|  |  | Concrete Reinforcing | 03 20 |    |
|  |  | Reinforcement Bars   | 03 21 |    |

| MINOR            | CSI | UOM                                                      | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 13 00-0144 | LF  | #5, Grade 40, Walls, Galvanized Steel Reinforcement Bar  | .....       | 1.84                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 1.47                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.77                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.31                   |                      |
| 03 21 13 00-0145 | LF  | #6, Grade 40, Walls, Galvanized Steel Reinforcement Bar  | .....       | 2.58                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.09                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.09                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.43                   |                      |
| 03 21 13 00-0146 | LF  | #3, Grade 50, Walls, Galvanized Steel Reinforcement Bar  | .....       | 0.72                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 0.56                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.30                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.12                   |                      |
| 03 21 13 00-0147 | LF  | #4, Grade 50, Walls, Galvanized Steel Reinforcement Bar  | .....       | 1.24                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 0.98                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.51                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.21                   |                      |
| 03 21 13 00-0148 | LF  | #5, Grade 50, Walls, Galvanized Steel Reinforcement Bar  | .....       | 1.88                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 1.51                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.79                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.31                   |                      |
| 03 21 13 00-0149 | LF  | #6, Grade 50, Walls, Galvanized Steel Reinforcement Bar  | .....       | 2.64                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.15                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.12                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.45                   |                      |
| 03 21 13 00-0150 | LF  | #3, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 0.74                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 0.58                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.31                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.12                   |                      |
| 03 21 13 00-0151 | LF  | #4, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 1.28                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 1.02                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.53                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.21                   |                      |
| 03 21 13 00-0152 | LF  | #5, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 1.95                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 1.58                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 0.82                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.33                   |                      |
| 03 21 13 00-0153 | LF  | #6, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 2.73                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.24                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.16                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.46                   |                      |
| 03 21 13 00-0154 | LF  | #7, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 3.60                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.30                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.29                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 0.62                   |                      |
| 03 21 13 00-0155 | LF  | #8, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 4.58                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.96                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.65                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 0.80                   |                      |
| 03 21 13 00-0156 | LF  | #9, Grade 60, Walls, Galvanized Steel Reinforcement Bar  | .....       | 5.72                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 3.73                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 2.08                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 1.00                   |                      |
| 03 21 13 00-0157 | LF  | #10, Grade 60, Walls, Galvanized Steel Reinforcement Bar | .....       | 7.09                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 3.77                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.97                   |                      |
|                  |     | For >200 To 300, Add                                     | .....       | 0.98                   |                      |
| 03 21 13 00-0158 | LF  | #11, Grade 60, Walls, Galvanized Steel Reinforcement Bar | .....       | 8.57                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 4.60                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 2.39                   |                      |
|                  |     | For >200 To 300, Add                                     | .....       | 1.19                   |                      |
| 03 21 13 00-0159 | LF  | #14, Grade 60, Walls, Galvanized Steel Reinforcement Bar | .....       | 12.07                  |                      |
|                  |     | For Up To 100, Add                                       | .....       | 6.54                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 3.39                   |                      |
|                  |     | For >200 To 300, Add                                     | .....       | 1.69                   |                      |
| 03 21 13 00-0160 | LF  | #18, Grade 60, Walls, Galvanized Steel Reinforcement Bar | .....       | 21.00                  |                      |
|                  |     | For Up To 100, Add                                       | .....       | 11.48                  |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 5.93                   |                      |
|                  |     | For >200 To 300, Add                                     | .....       | 2.96                   |                      |
| 03 21 13 00-0161 | LF  | #6, Grade 75, Walls, Galvanized Steel Reinforcement Bar  | .....       | 2.82                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.33                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.21                   |                      |
|                  |     | For >200 To 500, Add                                     | .....       | 0.48                   |                      |
| 03 21 13 00-0162 | LF  | #7, Grade 75, Walls, Galvanized Steel Reinforcement Bar  | .....       | 3.72                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 2.39                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.34                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 0.64                   |                      |
| 03 21 13 00-0163 | LF  | #8, Grade 75, Walls, Galvanized Steel Reinforcement Bar  | .....       | 4.74                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 3.08                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 1.72                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 0.83                   |                      |
| 03 21 13 00-0164 | LF  | #9, Grade 75, Walls, Galvanized Steel Reinforcement Bar  | .....       | 5.92                   |                      |
|                  |     | For Up To 100, Add                                       | .....       | 3.88                   |                      |
|                  |     | For >100 To 200, Add                                     | .....       | 2.16                   |                      |
|                  |     | For >200 To 400, Add                                     | .....       | 1.04                   |                      |



| MINOR            | CSI | UOM | DESCRIPTION                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 13 00-0165 | LF  |     | #10, Grade 75, Walls, Galvanized Steel Reinforcement Bar ..... | 7.34                      |                         |
|                  |     |     | For Up To 100, Add .....                                       | 3.92                      |                         |
|                  |     |     | For >100 To 200, Add .....                                     | 2.04                      |                         |
|                  |     |     | For >200 To 300, Add .....                                     | 1.02                      |                         |
| 03 21 13 00-0166 | LF  |     | #11, Grade 75, Walls, Galvanized Steel Reinforcement Bar ..... | 8.88                      |                         |
|                  |     |     | For Up To 100, Add .....                                       | 4.78                      |                         |
|                  |     |     | For >100 To 200, Add .....                                     | 2.48                      |                         |
|                  |     |     | For >200 To 300, Add .....                                     | 1.24                      |                         |
| 03 21 13 00-0167 | LF  |     | #14, Grade 75, Walls, Galvanized Steel Reinforcement Bar ..... | 12.51                     |                         |
|                  |     |     | For Up To 100, Add .....                                       | 6.80                      |                         |
|                  |     |     | For >100 To 200, Add .....                                     | 3.52                      |                         |
|                  |     |     | For >200 To 300, Add .....                                     | 1.76                      |                         |
| 03 21 13 00-0168 | LF  |     | #18, Grade 75, Walls, Galvanized Steel Reinforcement Bar ..... | 21.79                     |                         |
|                  |     |     | For Up To 100, Add .....                                       | 11.96                     |                         |
|                  |     |     | For >100 To 200, Add .....                                     | 6.17                      |                         |
|                  |     |     | For >200 To 300, Add .....                                     | 3.08                      |                         |

### 03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

#### 03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

|                  |    |  |                                                                              |      |  |
|------------------|----|--|------------------------------------------------------------------------------|------|--|
| 03 21 16 00-0002 | LF |  | #3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 0.83 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 0.58 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.31 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.13 |  |
| 03 21 16 00-0003 | LF |  | #4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 1.41 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.01 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.54 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.22 |  |
| 03 21 16 00-0004 | LF |  | #5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 2.13 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.56 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.83 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.33 |  |
| 03 21 16 00-0005 | LF |  | #6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 2.96 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 2.20 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 1.17 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.47 |  |
| 03 21 16 00-0006 | LF |  | #3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 0.85 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 0.60 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.32 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.13 |  |
| 03 21 16 00-0007 | LF |  | #4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 1.44 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.04 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.56 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.22 |  |
| 03 21 16 00-0008 | LF |  | #5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 2.17 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.60 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.85 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.34 |  |
| 03 21 16 00-0009 | LF |  | #6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 3.02 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 2.26 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 1.20 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.48 |  |
| 03 21 16 00-0010 | LF |  | #3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 0.87 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 0.62 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.33 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.13 |  |
| 03 21 16 00-0011 | LF |  | #4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 1.48 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.08 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.58 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.23 |  |
| 03 21 16 00-0012 | LF |  | #5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 2.23 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 1.66 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 0.88 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.35 |  |
| 03 21 16 00-0013 | LF |  | #6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 3.10 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 2.34 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 1.24 |  |
|                  |    |  | For >200 To 500, Add .....                                                   | 0.49 |  |
| 03 21 16 00-0014 | LF |  | #7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 4.07 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 2.43 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 1.39 |  |
|                  |    |  | For >200 To 400, Add .....                                                   | 0.66 |  |
| 03 21 16 00-0015 | LF |  | #8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 5.11 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 3.10 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 1.77 |  |
|                  |    |  | For >200 To 400, Add .....                                                   | 0.84 |  |
| 03 21 16 00-0016 | LF |  | #9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....  | 6.31 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 3.88 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 2.20 |  |
|                  |    |  | For >200 To 400, Add .....                                                   | 1.05 |  |
| 03 21 16 00-0017 | LF |  | #10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... | 7.77 |  |
|                  |    |  | For Up To 100, Add .....                                                     | 3.92 |  |
|                  |    |  | For >100 To 200, Add .....                                                   | 2.08 |  |
|                  |    |  | For >200 To 300, Add .....                                                   | 1.04 |  |





|  |  |                      |       |   |
|--|--|----------------------|-------|---|
|  |  | Concrete             | 03    | 3 |
|  |  | Concrete Reinforcing | 03 20 |   |
|  |  | Reinforcement Bars   | 03 21 |   |

| MINOR            |                                                                                                                                                                         | TOTAL DIRECT                   |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                         | UNIT COST                      |  | UNIT COST  |
| 03 21 16 00-0018 | LF #11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 9.31<br>4.75<br>2.51<br>1.26   |  |            |
| 03 21 16 00-0019 | LF #14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 13.00<br>6.72<br>3.54<br>1.77  |  |            |
| 03 21 16 00-0020 | LF #18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 22.40<br>11.73<br>6.15<br>3.07 |  |            |
| 03 21 16 00-0021 | LF #6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....  | 3.19<br>2.43<br>1.28<br>0.51   |  |            |
| 03 21 16 00-0022 | LF #7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 400, Add .....  | 4.19<br>2.52<br>1.44<br>0.68   |  |            |
| 03 21 16 00-0023 | LF #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 400, Add .....  | 5.26<br>3.21<br>1.83<br>0.87   |  |            |
| 03 21 16 00-0024 | LF #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 400, Add .....  | 6.51<br>4.03<br>2.28<br>1.09   |  |            |
| 03 21 16 00-0025 | LF #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 8.02<br>4.07<br>2.16<br>1.08   |  |            |
| 03 21 16 00-0026 | LF #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 9.62<br>4.94<br>2.61<br>1.30   |  |            |
| 03 21 16 00-0027 | LF #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 13.44<br>6.98<br>3.67<br>1.84  |  |            |
| 03 21 16 00-0028 | LF #18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 300, Add ..... | 23.19<br>12.20<br>6.39<br>3.19 |  |            |
| 03 21 16 00-0029 | Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)<br>Note: ASTM A-775 Epoxy Coated Steel.                                                                        |                                |  |            |
| 03 21 16 00-0030 | LF #3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 0.86<br>0.60<br>0.32<br>0.13   |  |            |
| 03 21 16 00-0031 | LF #4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 1.48<br>1.04<br>0.56<br>0.22   |  |            |
| 03 21 16 00-0032 | LF #5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 2.22<br>1.60<br>0.85<br>0.34   |  |            |
| 03 21 16 00-0033 | LF #6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 3.09<br>2.26<br>1.20<br>0.48   |  |            |
| 03 21 16 00-0034 | LF #3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 0.88<br>0.62<br>0.33<br>0.13   |  |            |
| 03 21 16 00-0035 | LF #4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 1.51<br>1.07<br>0.57<br>0.23   |  |            |
| 03 21 16 00-0036 | LF #5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 2.26<br>1.64<br>0.87<br>0.35   |  |            |
| 03 21 16 00-0037 | LF #6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 3.15<br>2.32<br>1.23<br>0.49   |  |            |
| 03 21 16 00-0038 | LF #3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....<br>For Up To 100, Add .....<br>For >100 To 200, Add .....<br>For >200 To 500, Add .....            | 0.90<br>0.64<br>0.34<br>0.14   |  |            |



| MINOR            | CSI | UOM                                                          | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 16 00-0039 | LF  | #4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.55                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 1.11                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 0.59                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.24                      |                         |
| 03 21 16 00-0040 | LF  | #5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.32                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 1.70                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 0.90                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.36                      |                         |
| 03 21 16 00-0041 | LF  | #6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.23                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 2.40                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.27                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.51                      |                         |
| 03 21 16 00-0042 | LF  | #7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.22                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 2.48                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.43                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 0.67                      |                         |
| 03 21 16 00-0043 | LF  | #8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.29                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 3.16                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.81                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 0.86                      |                         |
| 03 21 16 00-0044 | LF  | #9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 6.52                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 3.95                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.26                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 1.07                      |                         |
| 03 21 16 00-0045 | LF  | #10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 8.01                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 3.99                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.13                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.07                      |                         |
| 03 21 16 00-0046 | LF  | #11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 9.58                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 4.83                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.57                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.28                      |                         |
| 03 21 16 00-0047 | LF  | #14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 13.37                     |                         |
|                  |     | For Up To 100, Add                                           | .....       | 6.83                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 3.61                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.81                      |                         |
| 03 21 16 00-0048 | LF  | #18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 22.97                     |                         |
|                  |     | For Up To 100, Add                                           | .....       | 11.90                     |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 6.26                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 3.13                      |                         |
| 03 21 16 00-0049 | LF  | #6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.32                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 2.49                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.31                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.53                      |                         |
| 03 21 16 00-0050 | LF  | #7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.34                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 2.57                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.48                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 0.70                      |                         |
| 03 21 16 00-0051 | LF  | #8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.44                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 3.28                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 1.87                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 0.89                      |                         |
| 03 21 16 00-0052 | LF  | #9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar  | .....       | 6.72                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 4.10                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.34                      |                         |
|                  |     | For >200 To 400, Add                                         | .....       | 1.11                      |                         |
| 03 21 16 00-0053 | LF  | #10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 8.26                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 4.14                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.21                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.10                      |                         |
| 03 21 16 00-0054 | LF  | #11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 9.89                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 5.02                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 2.66                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.33                      |                         |
| 03 21 16 00-0055 | LF  | #14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 13.81                     |                         |
|                  |     | For Up To 100, Add                                           | .....       | 7.09                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 3.75                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 1.87                      |                         |
| 03 21 16 00-0056 | LF  | #18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar | .....       | 23.76                     |                         |
|                  |     | For Up To 100, Add                                           | .....       | 12.37                     |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 6.50                      |                         |
|                  |     | For >200 To 300, Add                                         | .....       | 3.25                      |                         |
| 03 21 16 00-0057 |     | Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)    |             |                           |                         |
|                  |     | Note: ASTM A-775 Epoxy Coated Steel.                         |             |                           |                         |
| 03 21 16 00-0058 | LF  | #3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | .....       | 0.76                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 0.56                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 0.30                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.12                      |                         |
| 03 21 16 00-0059 | LF  | #4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar | .....       | 1.31                      |                         |
|                  |     | For Up To 100, Add                                           | .....       | 0.97                      |                         |
|                  |     | For >100 To 200, Add                                         | .....       | 0.52                      |                         |
|                  |     | For >200 To 500, Add                                         | .....       | 0.21                      |                         |



|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                           | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 16 00-0060 | LF  | #5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.00        |                        |                      |
|                  |     | For Up To 100, Add                                            | 1.51        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.60        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.32        |                        |                      |
| 03 21 16 00-0061 | LF  | #6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.78        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.13        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.12        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.45        |                        |                      |
| 03 21 16 00-0062 | LF  | #3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar  | 0.78        |                        |                      |
|                  |     | For Up To 100, Add                                            | 0.58        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.31        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.12        |                        |                      |
| 03 21 16 00-0063 | LF  | #4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar  | 1.34        |                        |                      |
| 03 21 16 00-0064 | LF  | #5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.04        |                        |                      |
|                  |     | For Up To 100, Add                                            | 1.55        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.82        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.33        |                        |                      |
| 03 21 16 00-0065 | LF  | #6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.84        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.19        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.15        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.46        |                        |                      |
| 03 21 16 00-0066 | LF  | #3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 0.80        |                        |                      |
|                  |     | For Up To 100, Add                                            | 0.60        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.32        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.13        |                        |                      |
| 03 21 16 00-0067 | LF  | #4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 1.38        |                        |                      |
|                  |     | For Up To 100, Add                                            | 1.04        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.55        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.22        |                        |                      |
| 03 21 16 00-0068 | LF  | #5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.10        |                        |                      |
|                  |     | For Up To 100, Add                                            | 1.61        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 0.85        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.34        |                        |                      |
| 03 21 16 00-0069 | LF  | #6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 2.92        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.27        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.19        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.48        |                        |                      |
| 03 21 16 00-0070 | LF  | #7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 3.84        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.35        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.34        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 0.64        |                        |                      |
| 03 21 16 00-0071 | LF  | #8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 4.84        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.01        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.70        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 0.81        |                        |                      |
| 03 21 16 00-0072 | LF  | #9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar  | 5.99        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.76        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 2.12        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 1.02        |                        |                      |
| 03 21 16 00-0073 | LF  | #10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 7.39        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.80        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 2.01        |                        |                      |
|                  |     | For >200 To 300, Add                                          | 1.00        |                        |                      |
| 03 21 16 00-0074 | LF  | #11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 8.89        |                        |                      |
|                  |     | For Up To 100, Add                                            | 4.62        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 2.43        |                        |                      |
|                  |     | For >200 To 300, Add                                          | 1.22        |                        |                      |
| 03 21 16 00-0075 | LF  | #14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 12.46       |                        |                      |
|                  |     | For Up To 100, Add                                            | 6.56        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 3.43        |                        |                      |
|                  |     | For >200 To 300, Add                                          | 1.72        |                        |                      |
| 03 21 16 00-0076 | LF  | #18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar | 21.54       |                        |                      |
|                  |     | For Up To 100, Add                                            | 11.47       |                        |                      |
|                  |     | For >100 To 200, Add                                          | 5.98        |                        |                      |
|                  |     | For >200 To 300, Add                                          | 2.99        |                        |                      |
| 03 21 16 00-0077 | LF  | #6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar  | 3.01        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.36        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.24        |                        |                      |
|                  |     | For >200 To 500, Add                                          | 0.49        |                        |                      |
| 03 21 16 00-0078 | LF  | #7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar  | 3.96        |                        |                      |
|                  |     | For Up To 100, Add                                            | 2.44        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.38        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 0.66        |                        |                      |
| 03 21 16 00-0079 | LF  | #8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar  | 4.99        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.12        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 1.76        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 0.84        |                        |                      |
| 03 21 16 00-0080 | LF  | #9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar  | 6.19        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.91        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 2.20        |                        |                      |
|                  |     | For >200 To 400, Add                                          | 1.06        |                        |                      |
| 03 21 16 00-0081 | LF  | #10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar | 7.64        |                        |                      |
|                  |     | For Up To 100, Add                                            | 3.95        |                        |                      |
|                  |     | For >100 To 200, Add                                          | 2.08        |                        |                      |
|                  |     | For >200 To 300, Add                                          | 1.04        |                        |                      |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 16 00-0082 | LF  | #11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....                                            | 9.20                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 4.81                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 2.52                      |                         |
|                  |     | For >200 To 300, Add                                                                                          | 1.26                      |                         |
| 03 21 16 00-0083 | LF  | #14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....                                            | 12.90                     |                         |
|                  |     | For Up To 100, Add                                                                                            | 6.82                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 3.56                      |                         |
|                  |     | For >200 To 300, Add                                                                                          | 1.78                      |                         |
| 03 21 16 00-0084 | LF  | #18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....                                            | 22.33                     |                         |
|                  |     | For Up To 100, Add                                                                                            | 11.94                     |                         |
|                  |     | For >100 To 200, Add                                                                                          | 6.21                      |                         |
|                  |     | For >200 To 300, Add                                                                                          | 3.11                      |                         |
| 03 21 16 00-0085 |     | <b>Slab On Grade, Epoxy Coated Steel Reinforcement Bar</b> (03 21 16)<br>Note: ASTM A-775 Epoxy Coated Steel. |                           |                         |
| 03 21 16 00-0086 | LF  | #3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 0.74                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 0.55                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.29                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.12                      |                         |
| 03 21 16 00-0087 | LF  | #4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 1.28                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 0.96                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.51                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.20                      |                         |
| 03 21 16 00-0088 | LF  | #5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 1.94                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 1.48                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.78                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.31                      |                         |
| 03 21 16 00-0089 | LF  | #6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 2.70                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 2.10                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.10                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.44                      |                         |
| 03 21 16 00-0090 | LF  | #3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 0.76                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 0.57                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.30                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.12                      |                         |
| 03 21 16 00-0091 | LF  | #4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 1.31                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 0.99                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.52                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.21                      |                         |
| 03 21 16 00-0092 | LF  | #5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 1.98                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 1.52                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.80                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.32                      |                         |
| 03 21 16 00-0093 | LF  | #6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 2.76                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 2.16                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.13                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.45                      |                         |
| 03 21 16 00-0094 | LF  | #3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 0.78                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 0.59                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.31                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.12                      |                         |
| 03 21 16 00-0095 | LF  | #4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 1.35                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 1.03                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.54                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.22                      |                         |
| 03 21 16 00-0096 | LF  | #5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 2.04                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 1.58                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 0.83                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.33                      |                         |
| 03 21 16 00-0097 | LF  | #6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 2.84                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 2.24                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.17                      |                         |
|                  |     | For >200 To 500, Add                                                                                          | 0.47                      |                         |
| 03 21 16 00-0098 | LF  | #7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 3.76                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 2.32                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.32                      |                         |
|                  |     | For >200 To 400, Add                                                                                          | 0.63                      |                         |
| 03 21 16 00-0099 | LF  | #8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 4.74                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 2.97                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.68                      |                         |
|                  |     | For >200 To 400, Add                                                                                          | 0.80                      |                         |
| 03 21 16 00-0100 | LF  | #9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                        | 5.88                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 3.73                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 2.10                      |                         |
|                  |     | For >200 To 400, Add                                                                                          | 1.01                      |                         |
| 03 21 16 00-0101 | LF  | #10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                       | 7.26                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 3.76                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 1.98                      |                         |
|                  |     | For >200 To 300, Add                                                                                          | 0.99                      |                         |
| 03 21 16 00-0102 | LF  | #11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....                                       | 8.76                      |                         |
|                  |     | For Up To 100, Add                                                                                            | 4.58                      |                         |
|                  |     | For >100 To 200, Add                                                                                          | 2.40                      |                         |
|                  |     | For >200 To 300, Add                                                                                          | 1.20                      |                         |



|  |  |                      |       |   |
|--|--|----------------------|-------|---|
|  |  | Concrete             | 03    | 3 |
|  |  | Concrete Reinforcing | 03 20 |   |
|  |  | Reinforcement Bars   | 03 21 |   |

| MINOR            |                                                                            | TOTAL DIRECT |           | DEMOLITION |
|------------------|----------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                            | UNIT COST    | UNIT COST | UNIT COST  |
| 03 21 16 00-0103 | LF #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 12.27        |           |            |
|                  | For Up To 100, Add                                                         | 6.50         |           |            |
|                  | For >100 To 200, Add                                                       | 3.39         |           |            |
|                  | For >200 To 300, Add                                                       | 1.70         |           |            |
| 03 21 16 00-0104 | LF #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 21.26        |           |            |
|                  | For Up To 100, Add                                                         | 11.39        |           |            |
|                  | For >100 To 200, Add                                                       | 5.92         |           |            |
|                  | For >200 To 300, Add                                                       | 2.96         |           |            |
| 03 21 16 00-0105 | LF #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....  | 2.93         |           |            |
|                  | For Up To 100, Add                                                         | 2.33         |           |            |
|                  | For >100 To 200, Add                                                       | 1.22         |           |            |
|                  | For >200 To 500, Add                                                       | 0.49         |           |            |
| 03 21 16 00-0106 | LF #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....  | 3.88         |           |            |
|                  | For Up To 100, Add                                                         | 2.41         |           |            |
|                  | For >100 To 200, Add                                                       | 1.36         |           |            |
|                  | For >200 To 400, Add                                                       | 0.65         |           |            |
| 03 21 16 00-0107 | LF #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....  | 4.89         |           |            |
|                  | For Up To 100, Add                                                         | 3.08         |           |            |
|                  | For >100 To 200, Add                                                       | 1.74         |           |            |
|                  | For >200 To 400, Add                                                       | 0.83         |           |            |
| 03 21 16 00-0108 | LF #9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....  | 6.08         |           |            |
|                  | For Up To 100, Add                                                         | 3.88         |           |            |
|                  | For >100 To 200, Add                                                       | 2.18         |           |            |
|                  | For >200 To 400, Add                                                       | 1.05         |           |            |
| 03 21 16 00-0109 | LF #10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 7.51         |           |            |
|                  | For Up To 100, Add                                                         | 3.91         |           |            |
|                  | For >100 To 200, Add                                                       | 2.06         |           |            |
|                  | For >200 To 300, Add                                                       | 1.03         |           |            |
| 03 21 16 00-0110 | LF #11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 9.07         |           |            |
|                  | For Up To 100, Add                                                         | 4.77         |           |            |
|                  | For >100 To 200, Add                                                       | 2.50         |           |            |
|                  | For >200 To 300, Add                                                       | 1.25         |           |            |
| 03 21 16 00-0111 | LF #14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 12.71        |           |            |
|                  | For Up To 100, Add                                                         | 6.76         |           |            |
|                  | For >100 To 200, Add                                                       | 3.53         |           |            |
|                  | For >200 To 300, Add                                                       | 1.76         |           |            |
| 03 21 16 00-0112 | LF #18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar..... | 22.05        |           |            |
|                  | For Up To 100, Add                                                         | 11.86        |           |            |
|                  | For >100 To 200, Add                                                       | 6.16         |           |            |
|                  | For >200 To 300, Add                                                       | 3.08         |           |            |
| 03 21 16 00-0113 | Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)            |              |           |            |
|                  | Note: ASTM A-775 Epoxy Coated Steel.                                       |              |           |            |
| 03 21 16 00-0114 | LF #3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 0.70         |           |            |
|                  | For Up To 100, Add                                                         | 0.53         |           |            |
|                  | For >100 To 200, Add                                                       | 0.28         |           |            |
|                  | For >200 To 500, Add                                                       | 0.11         |           |            |
| 03 21 16 00-0115 | LF #4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 1.21         |           |            |
|                  | For Up To 100, Add                                                         | 0.93         |           |            |
|                  | For >100 To 200, Add                                                       | 0.49         |           |            |
|                  | For >200 To 500, Add                                                       | 0.20         |           |            |
| 03 21 16 00-0116 | LF #5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 1.85         |           |            |
|                  | For Up To 100, Add                                                         | 1.45         |           |            |
|                  | For >100 To 200, Add                                                       | 0.76         |           |            |
|                  | For >200 To 500, Add                                                       | 0.30         |           |            |
| 03 21 16 00-0117 | LF #6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 2.58         |           |            |
|                  | For Up To 100, Add                                                         | 2.05         |           |            |
|                  | For >100 To 200, Add                                                       | 1.07         |           |            |
|                  | For >200 To 500, Add                                                       | 0.43         |           |            |
| 03 21 16 00-0118 | LF #3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 0.72         |           |            |
|                  | For Up To 100, Add                                                         | 0.55         |           |            |
|                  | For >100 To 200, Add                                                       | 0.29         |           |            |
|                  | For >200 To 500, Add                                                       | 0.12         |           |            |
| 03 21 16 00-0119 | LF #4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 1.24         |           |            |
|                  | For Up To 100, Add                                                         | 0.96         |           |            |
|                  | For >100 To 200, Add                                                       | 0.51         |           |            |
|                  | For >200 To 500, Add                                                       | 0.20         |           |            |
| 03 21 16 00-0120 | LF #5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 1.89         |           |            |
|                  | For Up To 100, Add                                                         | 1.49         |           |            |
|                  | For >100 To 200, Add                                                       | 0.78         |           |            |
|                  | For >200 To 500, Add                                                       | 0.31         |           |            |
| 03 21 16 00-0121 | LF #6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 2.64         |           |            |
|                  | For Up To 100, Add                                                         | 2.11         |           |            |
|                  | For >100 To 200, Add                                                       | 1.10         |           |            |
|                  | For >200 To 500, Add                                                       | 0.44         |           |            |
| 03 21 16 00-0122 | LF #3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 0.74         |           |            |
|                  | For Up To 100, Add                                                         | 0.57         |           |            |
|                  | For >100 To 200, Add                                                       | 0.30         |           |            |
|                  | For >200 To 500, Add                                                       | 0.12         |           |            |
| 03 21 16 00-0123 | LF #4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar..... | 1.28         |           |            |
|                  | For Up To 100, Add                                                         | 1.00         |           |            |
|                  | For >100 To 200, Add                                                       | 0.53         |           |            |
|                  | For >200 To 500, Add                                                       | 0.21         |           |            |



| MINOR            | CSI | UOM                                                                 | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 16 00-0124 | LF  | #5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.95                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 1.55                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 0.81                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.32                      |                         |
| 03 21 16 00-0125 | LF  | #6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.72                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 2.19                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.14                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.46                      |                         |
| 03 21 16 00-0126 | LF  | #7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.61                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 2.27                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.28                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 0.61                      |                         |
| 03 21 16 00-0127 | LF  | #8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.55                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 2.90                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.63                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 0.78                      |                         |
| 03 21 16 00-0128 | LF  | #9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.67                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 3.65                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 2.04                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 0.98                      |                         |
| 03 21 16 00-0129 | LF  | #10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 7.02                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 3.69                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.93                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 0.97                      |                         |
| 03 21 16 00-0130 | LF  | #11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 8.47                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 4.50                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 2.35                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 1.17                      |                         |
| 03 21 16 00-0131 | LF  | #14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 11.92                     |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 6.39                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 3.32                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 1.66                      |                         |
| 03 21 16 00-0132 | LF  | #18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 20.69                     |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 11.21                     |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 5.81                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 2.90                      |                         |
| 03 21 16 00-0133 | LF  | #6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.81                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 2.28                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.19                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.47                      |                         |
| 03 21 16 00-0134 | LF  | #7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.73                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 2.36                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.33                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 0.64                      |                         |
| 03 21 16 00-0135 | LF  | #8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.70                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 3.02                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 1.69                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 0.81                      |                         |
| 03 21 16 00-0136 | LF  | #9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.87                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 3.80                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 2.12                      |                         |
|                  |     | For >200 To 400, Add                                                | .....       | 1.02                      |                         |
| 03 21 16 00-0137 | LF  | #10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 7.27                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 3.84                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 2.01                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 1.00                      |                         |
| 03 21 16 00-0138 | LF  | #11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 8.78                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 4.68                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 2.44                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 1.22                      |                         |
| 03 21 16 00-0139 | LF  | #14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 12.36                     |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 6.66                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 3.46                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 1.73                      |                         |
| 03 21 16 00-0140 | LF  | #18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar | .....       | 21.48                     |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 11.69                     |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 6.04                      |                         |
|                  |     | For >200 To 300, Add                                                | .....       | 3.02                      |                         |
| 03 21 16 00-0141 |     | Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)              |             |                           |                         |
|                  |     | Note: ASTM A-775 Epoxy Coated Steel.                                |             |                           |                         |
| 03 21 16 00-0142 | LF  | #3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar           | .....       | 0.68                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 0.52                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 0.28                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.11                      |                         |
| 03 21 16 00-0143 | LF  | #4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar           | .....       | 1.18                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 0.92                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 0.48                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.19                      |                         |
| 03 21 16 00-0144 | LF  | #5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar           | .....       | 1.80                      |                         |
|                  |     | For Up To 100, Add                                                  | .....       | 1.43                      |                         |
|                  |     | For >100 To 200, Add                                                | .....       | 0.75                      |                         |
|                  |     | For >200 To 500, Add                                                | .....       | 0.30                      |                         |



|  |  |                      |       |   |
|--|--|----------------------|-------|---|
|  |  | Concrete             | 03    | 3 |
|  |  | Concrete Reinforcing | 03 20 |   |
|  |  | Reinforcement Bars   | 03 21 |   |

| MINOR            | CSI | UOM                                                        | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 16 00-0145 | LF  | #6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.52                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.03                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.06                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.42                   |                      |
| 03 21 16 00-0146 | LF  | #3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 0.70                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 0.54                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.29                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.11                   |                      |
| 03 21 16 00-0147 | LF  | #4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.21                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 0.95                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.50                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.20                   |                      |
| 03 21 16 00-0148 | LF  | #5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.84                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 1.47                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.77                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.31                   |                      |
| 03 21 16 00-0149 | LF  | #6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.58                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.09                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.09                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.43                   |                      |
| 03 21 16 00-0150 | LF  | #3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 0.72                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 0.56                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.30                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.12                   |                      |
| 03 21 16 00-0151 | LF  | #4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.25                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 0.99                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.52                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.21                   |                      |
| 03 21 16 00-0152 | LF  | #5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 1.90                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 1.53                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 0.80                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.32                   |                      |
| 03 21 16 00-0153 | LF  | #6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.66                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.17                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.13                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.45                   |                      |
| 03 21 16 00-0154 | LF  | #7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.51                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.23                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.25                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 0.60                   |                      |
| 03 21 16 00-0155 | LF  | #8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.47                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.88                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.61                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 0.78                   |                      |
| 03 21 16 00-0156 | LF  | #9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.57                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 3.62                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 2.02                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 0.97                   |                      |
| 03 21 16 00-0157 | LF  | #10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | .....       | 6.90                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 3.65                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.91                   |                      |
|                  |     | For >200 To 300, Add                                       | .....       | 0.95                   |                      |
| 03 21 16 00-0158 | LF  | #11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | .....       | 8.34                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 4.46                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 2.32                   |                      |
|                  |     | For >200 To 300, Add                                       | .....       | 1.16                   |                      |
| 03 21 16 00-0159 | LF  | #14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | .....       | 11.74                  |                      |
|                  |     | For Up To 100, Add                                         | .....       | 6.34                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 3.29                   |                      |
|                  |     | For >200 To 300, Add                                       | .....       | 1.64                   |                      |
| 03 21 16 00-0160 | LF  | #18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar | .....       | 20.41                  |                      |
|                  |     | For Up To 100, Add                                         | .....       | 11.13                  |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 5.75                   |                      |
|                  |     | For >200 To 300, Add                                       | .....       | 2.88                   |                      |
| 03 21 16 00-0161 | LF  | #6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 2.75                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.26                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.17                   |                      |
|                  |     | For >200 To 500, Add                                       | .....       | 0.47                   |                      |
| 03 21 16 00-0162 | LF  | #7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 3.63                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.32                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.30                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 0.63                   |                      |
| 03 21 16 00-0163 | LF  | #8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 4.62                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 2.99                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.67                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 0.81                   |                      |
| 03 21 16 00-0164 | LF  | #9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar  | .....       | 5.77                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 3.77                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 2.10                   |                      |
|                  |     | For >200 To 400, Add                                       | .....       | 1.01                   |                      |
| 03 21 16 00-0165 | LF  | #10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar | .....       | 7.15                   |                      |
|                  |     | For Up To 100, Add                                         | .....       | 3.80                   |                      |
|                  |     | For >100 To 200, Add                                       | .....       | 1.98                   |                      |
|                  |     | For >200 To 300, Add                                       | .....       | 0.99                   |                      |



| MINOR<br>CSI            | UOM | DESCRIPTION                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 16 00-0166        | LF  | #11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....                     | 8.65                      |                         |
|                         |     | For Up To 100, Add                                                                  | 4.64                      |                         |
|                         |     | For >100 To 200, Add                                                                | 2.41                      |                         |
|                         |     | For >200 To 300, Add                                                                | 1.21                      |                         |
| 03 21 16 00-0167        | LF  | #14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....                     | 12.18                     |                         |
|                         |     | For Up To 100, Add                                                                  | 6.60                      |                         |
|                         |     | For >100 To 200, Add                                                                | 3.42                      |                         |
|                         |     | For >200 To 300, Add                                                                | 1.71                      |                         |
| 03 21 16 00-0168        | LF  | #18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....                     | 21.20                     |                         |
|                         |     | For Up To 100, Add                                                                  | 11.60                     |                         |
|                         |     | For >100 To 200, Add                                                                | 5.99                      |                         |
|                         |     | For >200 To 300, Add                                                                | 2.99                      |                         |
| <b>03 21 16 00-0169</b> |     | <b>Epoxy Coated Deformed Straight Dowels (03 21 16)</b>                             |                           |                         |
|                         |     | Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete. |                           |                         |
| 03 21 16 00-0170        | EA  | 3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                 | 4.55                      |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -0.48                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -0.24                     |                         |
| 03 21 16 00-0171        | EA  | 1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                 | 5.39                      |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -0.72                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -0.36                     |                         |
| 03 21 16 00-0172        | EA  | 5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                 | 6.70                      |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -1.07                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -0.54                     |                         |
| 03 21 16 00-0173        | EA  | 3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                 | 8.33                      |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -1.42                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -0.71                     |                         |
| 03 21 16 00-0174        | EA  | 7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                 | 10.06                     |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -1.94                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -0.97                     |                         |
| 03 21 16 00-0175        | EA  | 1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....                   | 11.72                     |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -2.39                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -1.19                     |                         |
| 03 21 16 00-0176        | EA  | 1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....               | 13.84                     |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -2.89                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -1.44                     |                         |
| 03 21 16 00-0177        | EA  | 1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....               | 16.67                     |                         |
|                         |     | For Up To 12" Length, Deduct                                                        | -3.50                     |                         |
|                         |     | For >12" To <24" Length, Deduct                                                     | -1.75                     |                         |
| <b>03 21 19</b>         |     | <b>Stainless Steel Reinforcement Bars (03 21)</b>                                   |                           |                         |
| <b>03 21 19 00-0001</b> |     | <b>Beams And Girders, Stainless Steel Reinforcement Bar (03 21 19)</b>              |                           |                         |
|                         |     | Note: ASTM A-955.                                                                   |                           |                         |
| 03 21 19 00-0002        | LF  | #3, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 1.58                      |                         |
|                         |     | For Up To 100, Add                                                                  | 1.33                      |                         |
|                         |     | For >100 To 200, Add                                                                | 0.69                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.28                      |                         |
| 03 21 19 00-0003        | LF  | #4, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 2.79                      |                         |
|                         |     | For Up To 100, Add                                                                  | 2.39                      |                         |
|                         |     | For >100 To 200, Add                                                                | 1.23                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.49                      |                         |
| 03 21 19 00-0004        | LF  | #5, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 4.23                      |                         |
|                         |     | For Up To 100, Add                                                                  | 3.66                      |                         |
|                         |     | For >100 To 200, Add                                                                | 1.88                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.75                      |                         |
| 03 21 19 00-0005        | LF  | #6, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 5.95                      |                         |
|                         |     | For Up To 100, Add                                                                  | 5.19                      |                         |
|                         |     | For >100 To 200, Add                                                                | 2.66                      |                         |
|                         |     | For >200 To 500, Add                                                                | 1.06                      |                         |
| 03 21 19 00-0006        | LF  | #3, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 1.74                      |                         |
|                         |     | For Up To 100, Add                                                                  | 1.49                      |                         |
|                         |     | For >100 To 200, Add                                                                | 0.77                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.31                      |                         |
| 03 21 19 00-0007        | LF  | #4, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 3.07                      |                         |
|                         |     | For Up To 100, Add                                                                  | 2.67                      |                         |
|                         |     | For >100 To 200, Add                                                                | 1.37                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.55                      |                         |
| 03 21 19 00-0008        | LF  | #5, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 4.66                      |                         |
|                         |     | For Up To 100, Add                                                                  | 4.09                      |                         |
|                         |     | For >100 To 200, Add                                                                | 2.09                      |                         |
|                         |     | For >200 To 500, Add                                                                | 0.84                      |                         |
| 03 21 19 00-0009        | LF  | #6, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 6.56                      |                         |
|                         |     | For Up To 100, Add                                                                  | 5.80                      |                         |
|                         |     | For >100 To 200, Add                                                                | 2.97                      |                         |
|                         |     | For >200 To 500, Add                                                                | 1.19                      |                         |
| 03 21 19 00-0010        | LF  | #7, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 8.79                      |                         |
|                         |     | For Up To 100, Add                                                                  | 5.97                      |                         |
|                         |     | For >100 To 200, Add                                                                | 3.28                      |                         |
|                         |     | For >200 To 400, Add                                                                | 1.60                      |                         |
| 03 21 19 00-0011        | LF  | #8, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....             | 11.35                     |                         |
|                         |     | For Up To 100, Add                                                                  | 7.78                      |                         |
|                         |     | For >100 To 200, Add                                                                | 4.27                      |                         |
|                         |     | For >200 To 400, Add                                                                | 2.09                      |                         |





|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                                 | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 19 00-0012 | LF  | #9, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar  | .....       | 14.22                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 9.81                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 5.37                   |                      |
|                  |     | For >200 To 400, Add                                                | .....       | 2.63                   |                      |
| 03 21 19 00-0013 | LF  | #10, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 17.78                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 9.92                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 5.09                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 2.54                   |                      |
| 03 21 19 00-0014 | LF  | #11, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 21.57                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 12.11                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 6.19                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 3.10                   |                      |
| 03 21 19 00-0015 | LF  | #14, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 30.70                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 17.34                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 8.85                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 4.42                   |                      |
| 03 21 19 00-0016 | LF  | #18, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 53.86                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 30.60                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 15.59                  |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 7.79                   |                      |
| 03 21 19 00-0017 | LF  | #6, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar  | .....       | 6.87                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 6.11                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 3.12                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 1.25                   |                      |
| 03 21 19 00-0018 | LF  | #7, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar  | .....       | 9.20                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 6.28                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 3.45                   |                      |
|                  |     | For >200 To 400, Add                                                | .....       | 1.68                   |                      |
| 03 21 19 00-0019 | LF  | #8, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar  | .....       | 11.90                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 8.19                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 4.49                   |                      |
|                  |     | For >200 To 400, Add                                                | .....       | 2.20                   |                      |
| 03 21 19 00-0020 | LF  | #9, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar  | .....       | 14.91                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 10.33                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 5.64                   |                      |
|                  |     | For >200 To 400, Add                                                | .....       | 2.77                   |                      |
| 03 21 19 00-0021 | LF  | #10, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 18.67                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 10.46                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 5.35                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 2.68                   |                      |
| 03 21 19 00-0022 | LF  | #11, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 22.66                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 12.76                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 6.52                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 3.26                   |                      |
| 03 21 19 00-0023 | LF  | #14, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 32.26                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 18.27                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 9.32                   |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 4.66                   |                      |
| 03 21 19 00-0024 | LF  | #18, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar | .....       | 56.63                  |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 32.27                  |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 16.42                  |                      |
|                  |     | For >200 To 300, Add                                                | .....       | 8.21                   |                      |
| 03 21 19 00-0025 |     | Columns, Stainless Steel Reinforcement Bar (03 21 19)               |             |                        |                      |
|                  |     | Note: ASTM A-955.                                                   |             |                        |                      |
| 03 21 19 00-0026 | LF  | #3, Grade 40, Columns, Stainless Steel Reinforcement Bar            | .....       | 1.61                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 1.35                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 0.70                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.28                   |                      |
| 03 21 19 00-0027 | LF  | #4, Grade 40, Columns, Stainless Steel Reinforcement Bar            | .....       | 2.86                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 2.42                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 1.25                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.50                   |                      |
| 03 21 19 00-0028 | LF  | #5, Grade 40, Columns, Stainless Steel Reinforcement Bar            | .....       | 4.32                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 3.70                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 1.90                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.76                   |                      |
| 03 21 19 00-0029 | LF  | #6, Grade 40, Columns, Stainless Steel Reinforcement Bar            | .....       | 6.08                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 5.25                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 2.69                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 1.08                   |                      |
| 03 21 19 00-0030 | LF  | #3, Grade 60, Columns, Stainless Steel Reinforcement Bar            | .....       | 1.77                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 1.51                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 0.78                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.31                   |                      |
| 03 21 19 00-0031 | LF  | #4, Grade 60, Columns, Stainless Steel Reinforcement Bar            | .....       | 3.14                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 2.70                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 1.39                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.56                   |                      |
| 03 21 19 00-0032 | LF  | #5, Grade 60, Columns, Stainless Steel Reinforcement Bar            | .....       | 4.75                   |                      |
|                  |     | For Up To 100, Add                                                  | .....       | 4.13                   |                      |
|                  |     | For >100 To 200, Add                                                | .....       | 2.12                   |                      |
|                  |     | For >200 To 500, Add                                                | .....       | 0.85                   |                      |

**03 Concrete****03 20 Concrete Reinforcing****03 21 Reinforcement Bars**

| MINOR            | CSI | UOM                                                       | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 19 00-0033 | LF  | #6, Grade 60, Columns, Stainless Steel Reinforcement Bar  | .....       | 6.69                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 5.86                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 3.00                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 1.20                      |                         |
| 03 21 19 00-0034 | LF  | #7, Grade 60, Columns, Stainless Steel Reinforcement Bar  | .....       | 8.94                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 6.02                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 3.32                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 1.62                      |                         |
| 03 21 19 00-0035 | LF  | #8, Grade 60, Columns, Stainless Steel Reinforcement Bar  | .....       | 11.53                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 7.84                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 4.31                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 2.11                      |                         |
| 03 21 19 00-0036 | LF  | #9, Grade 60, Columns, Stainless Steel Reinforcement Bar  | .....       | 14.43                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 9.88                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 5.42                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 2.65                      |                         |
| 03 21 19 00-0037 | LF  | #10, Grade 60, Columns, Stainless Steel Reinforcement Bar | .....       | 18.02                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 9.99                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 5.13                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 2.57                      |                         |
| 03 21 19 00-0038 | LF  | #11, Grade 60, Columns, Stainless Steel Reinforcement Bar | .....       | 21.84                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 12.19                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 6.25                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 3.12                      |                         |
| 03 21 19 00-0039 | LF  | #14, Grade 60, Columns, Stainless Steel Reinforcement Bar | .....       | 31.07                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 17.45                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 8.92                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 4.46                      |                         |
| 03 21 19 00-0040 | LF  | #18, Grade 60, Columns, Stainless Steel Reinforcement Bar | .....       | 54.43                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 30.77                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 15.70                     |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 7.85                      |                         |
| 03 21 19 00-0041 | LF  | #6, Grade 75, Columns, Stainless Steel Reinforcement Bar  | .....       | 7.00                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 6.17                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 3.15                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 1.26                      |                         |
| 03 21 19 00-0042 | LF  | #7, Grade 75, Columns, Stainless Steel Reinforcement Bar  | .....       | 9.35                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 6.33                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 3.48                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 1.70                      |                         |
| 03 21 19 00-0043 | LF  | #8, Grade 75, Columns, Stainless Steel Reinforcement Bar  | .....       | 12.08                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 8.26                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 4.53                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 2.22                      |                         |
| 03 21 19 00-0044 | LF  | #9, Grade 75, Columns, Stainless Steel Reinforcement Bar  | .....       | 15.12                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 10.40                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 5.70                      |                         |
|                  |     | For >200 To 400, Add                                      | .....       | 2.79                      |                         |
| 03 21 19 00-0045 | LF  | #10, Grade 75, Columns, Stainless Steel Reinforcement Bar | .....       | 18.91                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 10.53                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 5.40                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 2.70                      |                         |
| 03 21 19 00-0046 | LF  | #11, Grade 75, Columns, Stainless Steel Reinforcement Bar | .....       | 22.93                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 12.84                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 6.57                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 3.29                      |                         |
| 03 21 19 00-0047 | LF  | #14, Grade 75, Columns, Stainless Steel Reinforcement Bar | .....       | 32.63                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 18.38                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 9.39                      |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 4.70                      |                         |
| 03 21 19 00-0048 | LF  | #18, Grade 75, Columns, Stainless Steel Reinforcement Bar | .....       | 57.20                     |                         |
|                  |     | For Up To 100, Add                                        | .....       | 32.44                     |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 16.53                     |                         |
|                  |     | For >200 To 300, Add                                      | .....       | 8.27                      |                         |
| 03 21 19 00-0049 |     | Footings, Stainless Steel Reinforcement Bar (03 21 19)    |             |                           |                         |
|                  |     | Note: ASTM A-955.                                         |             |                           |                         |
| 03 21 19 00-0050 | LF  | #3, Grade 40, Footings, Stainless Steel Reinforcement Bar | .....       | 1.51                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 1.31                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 0.67                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 0.27                      |                         |
| 03 21 19 00-0051 | LF  | #4, Grade 40, Footings, Stainless Steel Reinforcement Bar | .....       | 2.69                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 2.35                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 1.21                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 0.48                      |                         |
| 03 21 19 00-0052 | LF  | #5, Grade 40, Footings, Stainless Steel Reinforcement Bar | .....       | 4.10                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 3.61                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 1.85                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 0.74                      |                         |
| 03 21 19 00-0053 | LF  | #6, Grade 40, Footings, Stainless Steel Reinforcement Bar | .....       | 5.77                      |                         |
|                  |     | For Up To 100, Add                                        | .....       | 5.12                      |                         |
|                  |     | For >100 To 200, Add                                      | .....       | 2.62                      |                         |
|                  |     | For >200 To 500, Add                                      | .....       | 1.05                      |                         |



|  |                      |       |  |
|--|----------------------|-------|--|
|  | Concrete             | 03    |  |
|  | Concrete Reinforcing | 03 20 |  |
|  | Reinforcement Bars   | 03 21 |  |

| MINOR            | CSI | UOM                                                            | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 19 00-0054 | LF  | #3, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 1.67                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 1.47                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 0.75                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 0.30                   |                      |
| 03 21 19 00-0055 | LF  | #4, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 2.97                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 2.63                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 1.35                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 0.54                   |                      |
| 03 21 19 00-0056 | LF  | #5, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 4.53                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 4.04                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 2.06                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 0.82                   |                      |
| 03 21 19 00-0057 | LF  | #6, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 6.38                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 5.73                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 2.92                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 1.17                   |                      |
| 03 21 19 00-0058 | LF  | #7, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 8.56                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 5.89                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 3.22                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 1.58                   |                      |
| 03 21 19 00-0059 | LF  | #8, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 11.08                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 7.69                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 4.20                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 2.06                   |                      |
| 03 21 19 00-0060 | LF  | #9, Grade 60, Footings, Stainless Steel Reinforcement Bar      | .....       | 13.90                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 9.70                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 5.29                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 2.60                   |                      |
| 03 21 19 00-0061 | LF  | #10, Grade 60, Footings, Stainless Steel Reinforcement Bar     | .....       | 17.40                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 9.81                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 5.01                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 2.50                   |                      |
| 03 21 19 00-0062 | LF  | #11, Grade 60, Footings, Stainless Steel Reinforcement Bar     | .....       | 21.15                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 11.98                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 6.11                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 3.05                   |                      |
| 03 21 19 00-0063 | LF  | #14, Grade 60, Footings, Stainless Steel Reinforcement Bar     | .....       | 30.16                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 17.18                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 8.74                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 4.37                   |                      |
| 03 21 19 00-0064 | LF  | #18, Grade 60, Footings, Stainless Steel Reinforcement Bar     | .....       | 53.00                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 30.35                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 15.42                  |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 7.71                   |                      |
| 03 21 19 00-0065 | LF  | #6, Grade 75, Footings, Stainless Steel Reinforcement Bar      | .....       | 6.69                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 6.04                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 3.08                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 1.23                   |                      |
| 03 21 19 00-0066 | LF  | #7, Grade 75, Footings, Stainless Steel Reinforcement Bar      | .....       | 8.97                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 6.20                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 3.39                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 1.66                   |                      |
| 03 21 19 00-0067 | LF  | #8, Grade 75, Footings, Stainless Steel Reinforcement Bar      | .....       | 11.63                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 8.10                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 4.42                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 2.17                   |                      |
| 03 21 19 00-0068 | LF  | #9, Grade 75, Footings, Stainless Steel Reinforcement Bar      | .....       | 14.59                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 10.21                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 5.56                   |                      |
|                  |     | For >200 To 400, Add                                           | .....       | 2.74                   |                      |
| 03 21 19 00-0069 | LF  | #10, Grade 75, Footings, Stainless Steel Reinforcement Bar     | .....       | 18.29                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 10.34                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 5.28                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 2.64                   |                      |
| 03 21 19 00-0070 | LF  | #11, Grade 75, Footings, Stainless Steel Reinforcement Bar     | .....       | 22.24                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 12.63                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 6.44                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 3.22                   |                      |
| 03 21 19 00-0071 | LF  | #14, Grade 75, Footings, Stainless Steel Reinforcement Bar     | .....       | 31.72                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 18.11                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 9.21                   |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 4.60                   |                      |
| 03 21 19 00-0072 | LF  | #18, Grade 75, Footings, Stainless Steel Reinforcement Bar     | .....       | 55.77                  |                      |
|                  |     | For Up To 100, Add                                             | .....       | 32.01                  |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 16.25                  |                      |
|                  |     | For >200 To 300, Add                                           | .....       | 8.12                   |                      |
| 03 21 19 00-0073 |     | Slab On Grade, Stainless Steel Reinforcement Bar               | (03 21 19)  |                        |                      |
|                  |     | Note: ASTM A-955.                                              |             |                        |                      |
| 03 21 19 00-0074 | LF  | #3, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar | .....       | 1.49                   |                      |
|                  |     | For Up To 100, Add                                             | .....       | 1.30                   |                      |
|                  |     | For >100 To 200, Add                                           | .....       | 0.67                   |                      |
|                  |     | For >200 To 500, Add                                           | .....       | 0.27                   |                      |



| MINOR            | CSI | UOM                                                                  | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 03 21 19 00-0075 | LF  | #4, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 2.66        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 2.34        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 1.20        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 0.48        |                           |                         |
| 03 21 19 00-0076 | LF  | #5, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 4.04        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 3.58        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 1.83        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 0.73        |                           |                         |
| 03 21 19 00-0077 | LF  | #6, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 5.69        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 5.09        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 2.60        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 1.04        |                           |                         |
| 03 21 19 00-0078 | LF  | #3, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 1.65        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 1.46        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 0.75        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 0.30        |                           |                         |
| 03 21 19 00-0079 | LF  | #4, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 2.94        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 2.62        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 1.34        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 0.54        |                           |                         |
| 03 21 19 00-0080 | LF  | #5, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 4.47        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 4.01        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 2.05        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 0.82        |                           |                         |
| 03 21 19 00-0081 | LF  | #6, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 6.30        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 5.70        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 2.90        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 1.16        |                           |                         |
| 03 21 19 00-0082 | LF  | #7, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 8.48        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 5.86        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 3.20        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 1.57        |                           |                         |
| 03 21 19 00-0083 | LF  | #8, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 10.98       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 7.65        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 4.17        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 2.05        |                           |                         |
| 03 21 19 00-0084 | LF  | #9, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 13.79       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 9.66        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 5.26        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 2.59        |                           |                         |
| 03 21 19 00-0085 | LF  | #10, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar..... | 17.27       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 9.77        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 4.98        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 2.49        |                           |                         |
| 03 21 19 00-0086 | LF  | #11, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar..... | 21.02       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 11.94       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 6.08        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 3.04        |                           |                         |
| 03 21 19 00-0087 | LF  | #14, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar..... | 29.97       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 17.12       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 8.70        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 4.35        |                           |                         |
| 03 21 19 00-0088 | LF  | #18, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar..... | 52.72       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 30.26       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 15.36       |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 7.68        |                           |                         |
| 03 21 19 00-0089 | LF  | #6, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 6.61        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 6.01        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 3.06        |                           |                         |
|                  |     | For >200 To 500, Add                                                 | 1.22        |                           |                         |
| 03 21 19 00-0090 | LF  | #7, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 8.89        |                           |                         |
|                  |     | For Up To 100, Add                                                   | 6.17        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 3.37        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 1.65        |                           |                         |
| 03 21 19 00-0091 | LF  | #8, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 11.53       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 8.06        |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 4.39        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 2.16        |                           |                         |
| 03 21 19 00-0092 | LF  | #9, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 14.48       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 10.18       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 5.54        |                           |                         |
|                  |     | For >200 To 400, Add                                                 | 2.73        |                           |                         |
| 03 21 19 00-0093 | LF  | #10, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar..... | 18.16       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 10.30       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 5.25        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 2.63        |                           |                         |
| 03 21 19 00-0094 | LF  | #11, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar..... | 22.11       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 12.59       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 6.41        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 3.20        |                           |                         |
| 03 21 19 00-0095 | LF  | #14, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar..... | 31.53       |                           |                         |
|                  |     | For Up To 100, Add                                                   | 18.05       |                           |                         |
|                  |     | For >100 To 200, Add                                                 | 9.17        |                           |                         |
|                  |     | For >200 To 300, Add                                                 | 4.59        |                           |                         |



|  |  |                      |       |   |
|--|--|----------------------|-------|---|
|  |  | Concrete             | 03    | 3 |
|  |  | Concrete Reinforcing | 03 20 |   |
|  |  | Reinforcement Bars   | 03 21 |   |

| MINOR            |                                                                          | TOTAL DIRECT |  | DEMOLITION |
|------------------|--------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                          | UNIT COST    |  | UNIT COST  |
| 03 21 19 00-0096 | LF #18, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....  | 55.49        |  |            |
|                  | For Up To 100, Add                                                       | 31.92        |  |            |
|                  | For >100 To 200, Add                                                     | 16.19        |  |            |
|                  | For >200 To 300, Add                                                     | 8.10         |  |            |
| 03 21 19 00-0097 | Elevated Slabs, Stainless Steel Reinforcement Bar (03 21 19)             |              |  |            |
|                  | Note: ASTM A-955.                                                        |              |  |            |
| 03 21 19 00-0098 | LF #3, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 1.45         |  |            |
|                  | For Up To 100, Add                                                       | 1.28         |  |            |
|                  | For >100 To 200, Add                                                     | 0.66         |  |            |
|                  | For >200 To 500, Add                                                     | 0.26         |  |            |
| 03 21 19 00-0099 | LF #4, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 2.59         |  |            |
|                  | For Up To 100, Add                                                       | 2.31         |  |            |
|                  | For >100 To 200, Add                                                     | 1.18         |  |            |
|                  | For >200 To 500, Add                                                     | 0.47         |  |            |
| 03 21 19 00-0100 | LF #5, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 3.95         |  |            |
|                  | For Up To 100, Add                                                       | 3.55         |  |            |
|                  | For >100 To 200, Add                                                     | 1.81         |  |            |
|                  | For >200 To 500, Add                                                     | 0.72         |  |            |
| 03 21 19 00-0101 | LF #6, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 5.57         |  |            |
|                  | For Up To 100, Add                                                       | 5.04         |  |            |
|                  | For >100 To 200, Add                                                     | 2.57         |  |            |
|                  | For >200 To 500, Add                                                     | 1.03         |  |            |
| 03 21 19 00-0102 | LF #3, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 1.61         |  |            |
|                  | For Up To 100, Add                                                       | 1.44         |  |            |
|                  | For >100 To 200, Add                                                     | 0.74         |  |            |
|                  | For >200 To 500, Add                                                     | 0.29         |  |            |
| 03 21 19 00-0103 | LF #4, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 2.87         |  |            |
|                  | For Up To 100, Add                                                       | 2.59         |  |            |
|                  | For >100 To 200, Add                                                     | 1.32         |  |            |
|                  | For >200 To 500, Add                                                     | 0.53         |  |            |
| 03 21 19 00-0104 | LF #5, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 4.38         |  |            |
|                  | For Up To 100, Add                                                       | 3.98         |  |            |
|                  | For >100 To 200, Add                                                     | 2.02         |  |            |
|                  | For >200 To 500, Add                                                     | 0.81         |  |            |
| 03 21 19 00-0105 | LF #6, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 6.18         |  |            |
|                  | For Up To 100, Add                                                       | 5.65         |  |            |
|                  | For >100 To 200, Add                                                     | 2.87         |  |            |
|                  | For >200 To 500, Add                                                     | 1.15         |  |            |
| 03 21 19 00-0106 | LF #7, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 8.33         |  |            |
|                  | For Up To 100, Add                                                       | 5.81         |  |            |
|                  | For >100 To 200, Add                                                     | 3.17         |  |            |
|                  | For >200 To 400, Add                                                     | 1.56         |  |            |
| 03 21 19 00-0107 | LF #8, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 10.79        |  |            |
|                  | For Up To 100, Add                                                       | 7.58         |  |            |
|                  | For >100 To 200, Add                                                     | 4.13         |  |            |
|                  | For >200 To 400, Add                                                     | 2.03         |  |            |
| 03 21 19 00-0108 | LF #9, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 13.58        |  |            |
|                  | For Up To 100, Add                                                       | 9.59         |  |            |
|                  | For >100 To 200, Add                                                     | 5.21         |  |            |
|                  | For >200 To 400, Add                                                     | 2.57         |  |            |
| 03 21 19 00-0109 | LF #10, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 17.03        |  |            |
|                  | For Up To 100, Add                                                       | 9.70         |  |            |
|                  | For >100 To 200, Add                                                     | 4.94         |  |            |
|                  | For >200 To 300, Add                                                     | 2.47         |  |            |
| 03 21 19 00-0110 | LF #11, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 20.73        |  |            |
|                  | For Up To 100, Add                                                       | 11.85        |  |            |
|                  | For >100 To 200, Add                                                     | 6.02         |  |            |
|                  | For >200 To 300, Add                                                     | 3.01         |  |            |
| 03 21 19 00-0111 | LF #14, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 29.62        |  |            |
|                  | For Up To 100, Add                                                       | 17.01        |  |            |
|                  | For >100 To 200, Add                                                     | 8.63         |  |            |
|                  | For >200 To 300, Add                                                     | 4.32         |  |            |
| 03 21 19 00-0112 | LF #18, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 52.15        |  |            |
|                  | For Up To 100, Add                                                       | 30.09        |  |            |
|                  | For >100 To 200, Add                                                     | 15.25        |  |            |
|                  | For >200 To 300, Add                                                     | 7.62         |  |            |
| 03 21 19 00-0113 | LF #6, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 6.49         |  |            |
|                  | For Up To 100, Add                                                       | 5.96         |  |            |
|                  | For >100 To 200, Add                                                     | 3.03         |  |            |
|                  | For >200 To 500, Add                                                     | 1.21         |  |            |
| 03 21 19 00-0114 | LF #7, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 8.74         |  |            |
|                  | For Up To 100, Add                                                       | 6.12         |  |            |
|                  | For >100 To 200, Add                                                     | 3.33         |  |            |
|                  | For >200 To 400, Add                                                     | 1.64         |  |            |
| 03 21 19 00-0115 | LF #8, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 11.34        |  |            |
|                  | For Up To 100, Add                                                       | 8.00         |  |            |
|                  | For >100 To 200, Add                                                     | 4.35         |  |            |
|                  | For >200 To 400, Add                                                     | 2.14         |  |            |
| 03 21 19 00-0116 | LF #9, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....  | 14.27        |  |            |
|                  | For Up To 100, Add                                                       | 10.10        |  |            |
|                  | For >100 To 200, Add                                                     | 5.48         |  |            |
|                  | For >200 To 400, Add                                                     | 2.70         |  |            |



| MINOR            | CSI | UOM | DESCRIPTION                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------|---------------------------|-------------------------|
| 03 21 19 00-0117 | LF  |     | #10, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 17.92                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 10.23                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 5.20                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 2.60                      |                         |
| 03 21 19 00-0118 | LF  |     | #11, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 21.82                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 12.51                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 6.35                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 3.18                      |                         |
| 03 21 19 00-0119 | LF  |     | #14, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 31.18                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 17.95                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 9.10                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 4.55                      |                         |
| 03 21 19 00-0120 | LF  |     | #18, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar..... | 54.92                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 31.75                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 16.08                     |                         |
|                  |     |     | For >200 To 300, Add                                                  | 8.04                      |                         |
| 03 21 19 00-0121 |     |     | <b>Walls, Stainless Steel Reinforcement Bar</b> (03 21 19)            |                           |                         |
|                  |     |     | Note: ASTM A-955.                                                     |                           |                         |
| 03 21 19 00-0122 | LF  |     | #3, Grade 40, Walls, Stainless Steel Reinforcement Bar.....           | 1.43                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 1.27                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 0.65                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.26                      |                         |
| 03 21 19 00-0123 | LF  |     | #4, Grade 40, Walls, Stainless Steel Reinforcement Bar.....           | 2.56                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 2.30                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 1.17                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.47                      |                         |
| 03 21 19 00-0124 | LF  |     | #5, Grade 40, Walls, Stainless Steel Reinforcement Bar.....           | 3.90                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 3.53                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 1.80                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.72                      |                         |
| 03 21 19 00-0125 | LF  |     | #6, Grade 40, Walls, Stainless Steel Reinforcement Bar.....           | 5.51                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 5.02                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 2.55                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 1.02                      |                         |
| 03 21 19 00-0126 | LF  |     | #3, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 1.59                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 1.43                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 0.73                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.29                      |                         |
| 03 21 19 00-0127 | LF  |     | #4, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 2.84                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 2.58                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 1.31                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.53                      |                         |
| 03 21 19 00-0128 | LF  |     | #5, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 4.33                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 3.96                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 2.01                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 0.80                      |                         |
| 03 21 19 00-0129 | LF  |     | #6, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 6.12                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 5.63                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 2.86                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 1.14                      |                         |
| 03 21 19 00-0130 | LF  |     | #7, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 8.23                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 5.77                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 3.14                      |                         |
|                  |     |     | For >200 To 400, Add                                                  | 1.55                      |                         |
| 03 21 19 00-0131 | LF  |     | #8, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 10.71                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 7.56                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 4.11                      |                         |
|                  |     |     | For >200 To 400, Add                                                  | 2.02                      |                         |
| 03 21 19 00-0132 | LF  |     | #9, Grade 60, Walls, Stainless Steel Reinforcement Bar.....           | 13.48                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 9.55                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 5.18                      |                         |
|                  |     |     | For >200 To 400, Add                                                  | 2.56                      |                         |
| 03 21 19 00-0133 | LF  |     | #10, Grade 60, Walls, Stainless Steel Reinforcement Bar.....          | 16.91                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 9.66                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 4.91                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 2.46                      |                         |
| 03 21 19 00-0134 | LF  |     | #11, Grade 60, Walls, Stainless Steel Reinforcement Bar.....          | 20.60                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 11.81                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 6.00                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 3.00                      |                         |
| 03 21 19 00-0135 | LF  |     | #14, Grade 60, Walls, Stainless Steel Reinforcement Bar.....          | 29.44                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 16.96                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 8.60                      |                         |
|                  |     |     | For >200 To 300, Add                                                  | 4.30                      |                         |
| 03 21 19 00-0136 | LF  |     | #18, Grade 60, Walls, Stainless Steel Reinforcement Bar.....          | 51.87                     |                         |
|                  |     |     | For Up To 100, Add                                                    | 30.01                     |                         |
|                  |     |     | For >100 To 200, Add                                                  | 15.19                     |                         |
|                  |     |     | For >200 To 300, Add                                                  | 7.59                      |                         |
| 03 21 19 00-0137 | LF  |     | #6, Grade 75, Walls, Stainless Steel Reinforcement Bar.....           | 6.43                      |                         |
|                  |     |     | For Up To 100, Add                                                    | 5.94                      |                         |
|                  |     |     | For >100 To 200, Add                                                  | 3.01                      |                         |
|                  |     |     | For >200 To 500, Add                                                  | 1.20                      |                         |



|  |  |                      |       |    |
|--|--|----------------------|-------|----|
|  |  | Concrete             | 03    | CS |
|  |  | Concrete Reinforcing | 03 20 |    |
|  |  | Reinforcement Bars   | 03 21 |    |

| MINOR            | CSI | UOM                                                          | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------------------------------------------------------------|-------------|------------------------|----------------------|
| 03 21 19 00-0138 | LF  | #7, Grade 75, Walls, Stainless Steel Reinforcement Bar.....  | 8.64        |                        |                      |
|                  |     | For Up To 100, Add                                           | 6.08        |                        |                      |
|                  |     | For >100 To 200, Add                                         | 3.31        |                        |                      |
|                  |     | For >200 To 400, Add                                         | 1.63        |                        |                      |
| 03 21 19 00-0139 | LF  | #8, Grade 75, Walls, Stainless Steel Reinforcement Bar.....  | 11.26       |                        |                      |
|                  |     | For Up To 100, Add                                           | 7.97        |                        |                      |
|                  |     | For >100 To 200, Add                                         | 4.33        |                        |                      |
|                  |     | For >200 To 400, Add                                         | 2.13        |                        |                      |
| 03 21 19 00-0140 | LF  | #9, Grade 75, Walls, Stainless Steel Reinforcement Bar.....  | 14.17       |                        |                      |
|                  |     | For Up To 100, Add                                           | 10.07       |                        |                      |
|                  |     | For >100 To 200, Add                                         | 5.46        |                        |                      |
|                  |     | For >200 To 400, Add                                         | 2.69        |                        |                      |
| 03 21 19 00-0141 | LF  | #10, Grade 75, Walls, Stainless Steel Reinforcement Bar..... | 17.80       |                        |                      |
|                  |     | For Up To 100, Add                                           | 10.19       |                        |                      |
|                  |     | For >100 To 200, Add                                         | 5.18        |                        |                      |
|                  |     | For >200 To 300, Add                                         | 2.59        |                        |                      |
| 03 21 19 00-0142 | LF  | #11, Grade 75, Walls, Stainless Steel Reinforcement Bar..... | 21.69       |                        |                      |
|                  |     | For Up To 100, Add                                           | 12.47       |                        |                      |
|                  |     | For >100 To 200, Add                                         | 6.33        |                        |                      |
|                  |     | For >200 To 300, Add                                         | 3.16        |                        |                      |
| 03 21 19 00-0143 | LF  | #14, Grade 75, Walls, Stainless Steel Reinforcement Bar..... | 31.00       |                        |                      |
|                  |     | For Up To 100, Add                                           | 17.90       |                        |                      |
|                  |     | For >100 To 200, Add                                         | 9.07        |                        |                      |
|                  |     | For >200 To 300, Add                                         | 4.53        |                        |                      |
| 03 21 19 00-0144 | LF  | #18, Grade 75, Walls, Stainless Steel Reinforcement Bar..... | 54.64       |                        |                      |
|                  |     | For Up To 100, Add                                           | 31.67       |                        |                      |
|                  |     | For >100 To 200, Add                                         | 16.02       |                        |                      |
|                  |     | For >200 To 300, Add                                         | 8.01        |                        |                      |

## 03 22 Fabric and Grid Reinforcing (03 20)

### 03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

#### 03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

|                  |    |                                                                                                              |       |  |  |
|------------------|----|--------------------------------------------------------------------------------------------------------------|-------|--|--|
| 03 22 11 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... | 0.98  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.14 |  |  |
| 03 22 11 00-0003 | SF | 6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....  | 1.12  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.16 |  |  |
| 03 22 11 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....  | 1.31  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.18 |  |  |
| 03 22 11 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....  | 1.60  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.21 |  |  |
| 03 22 11 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... | 1.20  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.17 |  |  |
| 03 22 11 00-0007 | SF | 4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....  | 1.38  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.19 |  |  |
| 03 22 11 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....  | 1.82  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.24 |  |  |
| 03 22 11 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....  | 2.17  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.28 |  |  |
| 03 22 11 00-0010 | SF | 2" x 2" x #10, 60 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... | 2.97  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.35 |  |  |
|                  |    | For Galvanized, Add                                                                                          | 0.88  |  |  |
|                  |    | For Epoxy Coated, Add                                                                                        | 1.75  |  |  |
| 03 22 11 00-0011 | SF | 2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9) ..... | 2.08  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.25 |  |  |
| 03 22 11 00-0012 | SF | 2" x 2" x #8, 88 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....  | 4.13  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                           | -0.47 |  |  |

### 03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

#### 03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.

|                  |    |                                                                                                                   |       |  |  |
|------------------|----|-------------------------------------------------------------------------------------------------------------------|-------|--|--|
| 03 22 13 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... | 1.13  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.16 |  |  |
| 03 22 13 00-0003 | SF | 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....  | 1.30  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.18 |  |  |
| 03 22 13 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....  | 1.55  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.21 |  |  |
| 03 22 13 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....  | 1.93  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.25 |  |  |
| 03 22 13 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) ..... | 1.41  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.19 |  |  |
| 03 22 13 00-0007 | SF | 4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....  | 1.64  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.21 |  |  |
| 03 22 13 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....  | 2.25  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.28 |  |  |
| 03 22 13 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....  | 2.70  |  |  |
|                  |    | For >5 Ton, Deduct                                                                                                | -0.33 |  |  |

**03 Concrete****03 20 Concrete Reinforcing****03 22 Fabric and Grid Reinforcing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns** (03 22 13)

Note: Includes bar chairs. Under 5 tons.

|                  |    |                                                                                                                         |       |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------|-------|
| 03 22 13 00-0011 | SF | 2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)..... | 3.67  |
|                  |    | For >5 Ton, Deduct.....                                                                                                 | -0.55 |

**03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing** (03 22)**03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 16)

Note: Includes bar chairs. Under 5 tons.

|                  |    |                                                                                                                    |       |
|------------------|----|--------------------------------------------------------------------------------------------------------------------|-------|
| 03 22 16 00-0002 | SF | 6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)..... | 1.11  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.15 |
| 03 22 16 00-0003 | SF | 6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....  | 1.28  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.17 |
| 03 22 16 00-0004 | SF | 6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....  | 1.52  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.20 |
| 03 22 16 00-0005 | SF | 6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....  | 1.89  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.24 |
| 03 22 16 00-0006 | SF | 4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)..... | 1.38  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.18 |
| 03 22 16 00-0007 | SF | 4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....  | 1.61  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.21 |
| 03 22 16 00-0008 | SF | 4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....  | 2.20  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.27 |
| 03 22 16 00-0009 | SF | 4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....  | 2.63  |
|                  |    | For >5 Ton, Deduct.....                                                                                            | -0.32 |

**03 22 23 Stainless Steel Welded Wire Fabric Reinforcing** (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

**03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 23)

|                  |    |                                                                                              |      |
|------------------|----|----------------------------------------------------------------------------------------------|------|
| 03 22 23 00-0002 | SF | 6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs..... | 2.12 |
| 03 22 23 00-0003 | SF | 4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs..... | 2.77 |

**03 30 Cast-In-Place Concrete** (03)

See CSI section 01 74 19 00-0048 for hauling over 15 miles.

**03 30 53 Miscellaneous Cast-in-Place Concrete** (03 30)**03 30 53 00-0001 Place Concrete Duct Bank** (03 30 53)

|                  |    |                                                                         |        |
|------------------|----|-------------------------------------------------------------------------|--------|
| 03 30 53 00-0002 | CY | Direct Chute, Place 3,000 PSI Concrete Duct Bank.....                   | 177.99 |
|                  |    | For 2,000 PSI Concrete, Deduct.....                                     | -7.63  |
|                  |    | For 2,500 PSI Concrete, Deduct.....                                     | -3.81  |
|                  |    | For 3,500 PSI Concrete, Add.....                                        | 7.06   |
|                  |    | For 3,750 PSI Concrete, Add.....                                        | 9.60   |
|                  |    | For 4,000 PSI Concrete, Add.....                                        | 12.14  |
|                  |    | For 4,500 PSI Concrete, Add.....                                        | 14.12  |
|                  |    | For 5,000 PSI Concrete, Add.....                                        | 16.10  |
|                  |    | For 6,000 PSI Concrete, Add.....                                        | 38.13  |
|                  |    | For White Cement Concrete, Add.....                                     | 16.95  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add..... | 18.36  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add.....                     | 14.12  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add.....                          | 49.43  |
|                  |    | For Up To 20, Add.....                                                  | 14.71  |
|                  |    | For >20 To 50, Add.....                                                 | 5.52   |
|                  |    | For >100 To 200, Deduct.....                                            | -3.56  |
|                  |    | For >200 To 400, Deduct.....                                            | -7.12  |
|                  |    | For >400, Deduct.....                                                   | -10.68 |

**03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill** (03 30 53)





|  |  |                                      |           |           |
|--|--|--------------------------------------|-----------|-----------|
|  |  | <b>Concrete</b>                      | <b>03</b> | <b>CS</b> |
|  |  | Cast-In-Place Concrete               | 03 30     |           |
|  |  | Miscellaneous Cast-in-Place Concrete | 03 30 53  |           |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TOTAL DIRECT |        | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNIT         | COST   | UNIT COST  |
| 03 30 53 00-0004 | CY Direct Chute, Place 3,000 PSI Concrete Thrust Blocks.....                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | 224.23 |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -7.63  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -3.61  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 7.06   |            |
|                  | For 3,750 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 9.60   |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 12.14  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 14.12  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 16.10  |            |
|                  | For 6,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 38.13  |            |
|                  | For White Cement Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 16.95  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 18.36  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 14.12  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              | 49.43  |            |
|                  | For Up To 20, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | 33.20  |            |
|                  | For >20 To 50, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 12.45  |            |
|                  | For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | -4.48  |            |
|                  | For >200 To 400, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | -8.97  |            |
|                  | For >400, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | -13.45 |            |
| 03 30 53 00-0005 | CY Concrete Pump, Place 3,000 PSI Concrete Thrust Blocks.....                                                                                                                                                                                                                                                                                                                                                                                                                                   |              | 221.35 |            |
|                  | Note: Excludes pumping equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |        |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -8.26  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -4.13  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 7.65   |            |
|                  | For 3,750 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 10.40  |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 13.16  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 15.30  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 17.44  |            |
|                  | For 6,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 41.31  |            |
|                  | For White Cement Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 18.36  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 19.89  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 15.30  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              | 53.55  |            |
| 03 30 53 00-0006 | Place Concrete Slurry (03 30 53)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |        |            |
| 03 30 53 00-0007 | CY Direct Chute, Place Two Sack Cement, Concrete Slurry.....                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | 167.52 |            |
|                  | Note: Two 94# sack cement per CY.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |        |            |
| 03 30 53 00-0008 | CY Concrete Pump, Place Two Sack Cement, Concrete Slurry.....                                                                                                                                                                                                                                                                                                                                                                                                                                   |              | 160.20 |            |
|                  | Note: Two 94# sack cement per CY. Excludes pumping equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |        |            |
| 03 30 53 00-0009 | CY Direct Chute, Place One Sack Cement, Concrete Slurry.....                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | 144.33 |            |
|                  | Note: One 94# sack cement per CY.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |        |            |
| 03 30 53 00-0010 | CY Concrete Pump, Place One Sack Cement, Concrete Slurry.....                                                                                                                                                                                                                                                                                                                                                                                                                                   |              | 137.01 |            |
|                  | Note: One 94# sack cement per CY. Excludes pumping equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |        |            |
| 03 30 53 00-0011 | Hand Mix And Place Concrete (03 30 53)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |        |            |
| 03 30 53 00-0012 | CF Hand Mix And Place 3,000 PSI Concrete.....                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              | 18.57  |            |
|                  | Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.                                                                                                                                                                                                                                                                                                                                   |              |        |            |
|                  | For Up To 25 CF, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 2.16   |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -0.33  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | -0.16  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 0.30   |            |
|                  | For 3,750 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 0.41   |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 0.52   |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 0.60   |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 0.69   |            |
|                  | For 6,000 PSI Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 1.63   |            |
|                  | For White Cement Concrete, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 0.72   |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                              |              | 0.79   |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 0.60   |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              | 2.11   |            |
| 03 31            | Structural Concrete (03 30)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |        |            |
| 03 31 13         | Heavyweight Structural Concrete (03 31)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |        |            |
|                  | Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.                                                                                                                                                      |              |        |            |
| 03 31 13 00-0001 | Concrete Slab Assemblies (03 31 13)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |        |            |
| 03 31 13 00-0002 | 3,000 PSI Slab On Grade Concrete Slabs Assemblies (03 31 13 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                            |              |        |            |
|                  | Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment. |              |        |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                           |       |  |
|------------------|-----------------------------------------------------------|-------|--|
| 03 31 13 00-0003 | SF 4" 3,000 PSI Slab On Grade Concrete Slab Assembly..... | 7.63  |  |
|                  | For 2,000 PSI Concrete, Deduct                            | -0.19 |  |
|                  | For 2,500 PSI Concrete, Deduct                            | -0.09 |  |
|                  | For 3,500 PSI Concrete, Add                               | 0.07  |  |
|                  | For 4,000 PSI Concrete, Add                               | 0.22  |  |
|                  | For 4,500 PSI Concrete, Add                               | 0.27  |  |
|                  | For 5,000 PSI Concrete, Add                               | 0.31  |  |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct         | -0.45 |  |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct         | -0.66 |  |
|                  | For Up To 500, Add                                        | 3.21  |  |
|                  | For >500 To 1,000, Add                                    | 2.19  |  |
|                  | For >1,000 To 2,000, Add                                  | 1.18  |  |
|                  | For >2,000 To 5,000, Add                                  | 0.59  |  |
|                  | For >10,000 To 20,000, Deduct                             | -0.17 |  |
|                  | For >20,000 To 35,000, Deduct                             | -0.36 |  |
|                  | For >35,000 To 50,000, Deduct                             | -0.55 |  |
|                  | For >50,000 To 70,000, Deduct                             | -0.74 |  |
|                  | For >70,000, Deduct                                       | -0.93 |  |
| 03 31 13 00-0004 | SF 5" 3,000 PSI Slab On Grade Concrete Slab Assembly..... | 8.28  |  |
|                  | For 2,000 PSI Concrete, Deduct                            | -0.21 |  |
|                  | For 2,500 PSI Concrete, Deduct                            | -0.11 |  |
|                  | For 3,500 PSI Concrete, Add                               | 0.07  |  |
|                  | For 4,000 PSI Concrete, Add                               | 0.25  |  |
|                  | For 4,500 PSI Concrete, Add                               | 0.31  |  |
|                  | For 5,000 PSI Concrete, Add                               | 0.35  |  |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct         | -0.45 |  |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct         | -0.66 |  |
|                  | For Up To 500, Add                                        | 3.41  |  |
|                  | For >500 To 1,000, Add                                    | 2.34  |  |
|                  | For >1,000 To 2,000, Add                                  | 1.27  |  |
|                  | For >2,000 To 5,000, Add                                  | 0.63  |  |
|                  | For >10,000 To 20,000, Deduct                             | -0.19 |  |
|                  | For >20,000 To 35,000, Deduct                             | -0.40 |  |
|                  | For >35,000 To 50,000, Deduct                             | -0.61 |  |
|                  | For >50,000 To 70,000, Deduct                             | -0.82 |  |
|                  | For >70,000, Deduct                                       | -1.02 |  |
| 03 31 13 00-0005 | SF 6" 3,000 PSI Slab On Grade Concrete Slab Assembly..... | 9.24  |  |
|                  | For 2,000 PSI Concrete, Deduct                            | -0.25 |  |
|                  | For 2,500 PSI Concrete, Deduct                            | -0.12 |  |
|                  | For 3,500 PSI Concrete, Add                               | 0.09  |  |
|                  | For 4,000 PSI Concrete, Add                               | 0.29  |  |
|                  | For 4,500 PSI Concrete, Add                               | 0.36  |  |
|                  | For 5,000 PSI Concrete, Add                               | 0.41  |  |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct         | -0.45 |  |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct         | -0.66 |  |
|                  | For Up To 500, Add                                        | 3.72  |  |
|                  | For >500 To 1,000, Add                                    | 2.56  |  |
|                  | For >1,000 To 2,000, Add                                  | 1.39  |  |
|                  | For >2,000 To 5,000, Add                                  | 0.70  |  |
|                  | For >10,000 To 20,000, Deduct                             | -0.23 |  |
|                  | For >20,000 To 35,000, Deduct                             | -0.46 |  |
|                  | For >35,000 To 50,000, Deduct                             | -0.69 |  |
|                  | For >50,000 To 70,000, Deduct                             | -0.92 |  |
|                  | For >70,000, Deduct                                       | -1.15 |  |
| 03 31 13 00-0006 | SF 7" 3,000 PSI Slab On Grade Concrete Slab Assembly..... | 10.12 |  |
|                  | For 2,000 PSI Concrete, Deduct                            | -0.28 |  |
|                  | For 2,500 PSI Concrete, Deduct                            | -0.14 |  |
|                  | For 3,500 PSI Concrete, Add                               | 0.10  |  |
|                  | For 4,000 PSI Concrete, Add                               | 0.33  |  |
|                  | For 4,500 PSI Concrete, Add                               | 0.41  |  |
|                  | For 5,000 PSI Concrete, Add                               | 0.48  |  |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct         | -0.45 |  |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct         | -0.66 |  |
|                  | For Up To 500, Add                                        | 3.98  |  |
|                  | For >500 To 1,000, Add                                    | 2.74  |  |
|                  | For >1,000 To 2,000, Add                                  | 1.50  |  |
|                  | For >2,000 To 5,000, Add                                  | 0.75  |  |
|                  | For >10,000 To 20,000, Deduct                             | -0.26 |  |
|                  | For >20,000 To 35,000, Deduct                             | -0.52 |  |
|                  | For >35,000 To 50,000, Deduct                             | -0.77 |  |
|                  | For >50,000 To 70,000, Deduct                             | -1.02 |  |
|                  | For >70,000, Deduct                                       | -1.27 |  |



|  |  |                        |       |    |
|--|--|------------------------|-------|----|
|  |  | Concrete               | 03    | CS |
|  |  | Cast-In-Place Concrete | 03 30 |    |
|  |  | Structural Concrete    | 03 31 |    |

| MINOR            |                                                                                                                                                       | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                       | UNIT COST    |  | UNIT COST  |
| 03 31 13 00-0007 | SF 8" 3,000 PSI Slab On Grade Concrete Slab Assembly.....                                                                                             | 10.88        |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                        | -0.31        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                        | -0.16        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                           | 0.11         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                           | 0.37         |  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                           | 0.46         |  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                           | 0.53         |  |            |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct                                                                                                     | -0.45        |  |            |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct                                                                                                     | -0.66        |  |            |
|                  | For Up To 500, Add                                                                                                                                    | 4.21         |  |            |
|                  | For >500 To 1,000, Add                                                                                                                                | 2.90         |  |            |
|                  | For >1,000 To 2,000, Add                                                                                                                              | 1.60         |  |            |
|                  | For >2,000 To 5,000, Add                                                                                                                              | 0.80         |  |            |
|                  | For >10,000 To 20,000, Deduct                                                                                                                         | -0.29        |  |            |
|                  | For >20,000 To 35,000, Deduct                                                                                                                         | -0.58        |  |            |
|                  | For >35,000 To 50,000, Deduct                                                                                                                         | -0.83        |  |            |
|                  | For >50,000 To 70,000, Deduct                                                                                                                         | -1.11        |  |            |
|                  | For >70,000, Deduct                                                                                                                                   | -1.38        |  |            |
| 03 31 13 00-0008 | SF 10" 3,000 PSI Slab On Grade Concrete Slab Assembly.....                                                                                            | 12.78        |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                        | -0.40        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                        | -0.20        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                           | 0.14         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                           | 0.46         |  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                           | 0.58         |  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                           | 0.67         |  |            |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct                                                                                                     | -0.45        |  |            |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct                                                                                                     | -0.66        |  |            |
|                  | For Up To 500, Add                                                                                                                                    | 4.74         |  |            |
|                  | For >500 To 1,000, Add                                                                                                                                | 3.28         |  |            |
|                  | For >1,000 To 2,000, Add                                                                                                                              | 1.82         |  |            |
|                  | For >2,000 To 5,000, Add                                                                                                                              | 0.91         |  |            |
|                  | For >10,000 To 20,000, Deduct                                                                                                                         | -0.37        |  |            |
|                  | For >20,000 To 35,000, Deduct                                                                                                                         | -0.69        |  |            |
|                  | For >35,000 To 50,000, Deduct                                                                                                                         | -1.01        |  |            |
|                  | For >50,000 To 70,000, Deduct                                                                                                                         | -1.32        |  |            |
|                  | For >70,000, Deduct                                                                                                                                   | -1.64        |  |            |
| 03 31 13 00-0009 | SF 12" 3,000 PSI Slab On Grade Concrete Slab Assembly.....                                                                                            | 14.30        |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                        | -0.46        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                        | -0.23        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                           | 0.16         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                           | 0.53         |  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                           | 0.67         |  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                           | 0.77         |  |            |
|                  | For Reinforcing Rods Are At 18" On Center, Deduct                                                                                                     | -0.45        |  |            |
|                  | For Reinforcing Rods Are At 24" On Center, Deduct                                                                                                     | -0.66        |  |            |
|                  | For Up To 500, Add                                                                                                                                    | 5.20         |  |            |
|                  | For >500 To 1,000, Add                                                                                                                                | 3.61         |  |            |
|                  | For >1,000 To 2,000, Add                                                                                                                              | 2.02         |  |            |
|                  | For >2,000 To 5,000, Add                                                                                                                              | 1.01         |  |            |
|                  | For >10,000 To 20,000, Deduct                                                                                                                         | -0.42        |  |            |
|                  | For >20,000 To 35,000, Deduct                                                                                                                         | -0.78        |  |            |
|                  | For >35,000 To 50,000, Deduct                                                                                                                         | -1.14        |  |            |
|                  | For >50,000 To 70,000, Deduct                                                                                                                         | -1.49        |  |            |
|                  | For >70,000, Deduct                                                                                                                                   | -1.85        |  |            |
| 03 31 13 00-0010 | Concrete Delivery And Placement (03 31 13)                                                                                                            |              |  |            |
|                  | Note: Includes cleaning out equipment and standard concrete placement tests.                                                                          |              |  |            |
| 03 31 13 00-0011 | Place Concrete By Method Indicated (03 31 13 00-0010)                                                                                                 |              |  |            |
|                  | Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment. |              |  |            |
| 03 31 13 00-0012 | Place Concrete Pile Caps (03 31 13 00-0011)                                                                                                           |              |  |            |
| 03 31 13 00-0013 | CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps .....                                                                                         | 277.33       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                                                                                        | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                                                                                        | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                                                                                           | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                                                                                                           | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                                                                                           | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                                                                                                           | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                                                                                                           | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                                                                                                           | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                                                                                                        | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add                                                                                    | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                                                                                        | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                                                                                             | 49.43        |  |            |
|                  | For Up To 20, Add                                                                                                                                     | 54.44        |  |            |
|                  | For >20 To 50, Add                                                                                                                                    | 20.42        |  |            |
|                  | For >100 To 200, Deduct                                                                                                                               | -5.55        |  |            |
|                  | For >200 To 400, Deduct                                                                                                                               | -11.09       |  |            |
|                  | For >400, Deduct                                                                                                                                      | -16.64       |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

| MINOR            |                                                                        | TOTAL DIRECT |           | DEMOLITION |
|------------------|------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                        | UNIT COST    | UNIT COST | UNIT COST  |
| 03 31 13 00-0014 | CY Direct Chute, Place 3,000 PSI Concrete Pile Caps .....              | 202.26       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                         | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                         | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                            | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                            | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                            | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                            | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                            | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                            | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                         | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                              | 49.43        |           |            |
|                  | For Up To 20, Add                                                      | 24.42        |           |            |
|                  | For >20 To 50, Add                                                     | 9.16         |           |            |
|                  | For >100 To 200, Deduct                                                | -4.05        |           |            |
|                  | For >200 To 400, Deduct                                                | -8.09        |           |            |
|                  | For >400, Deduct                                                       | -12.14       |           |            |
| 03 31 13 00-0015 | CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps.....              | 211.12       |           |            |
|                  | Note: Excludes pumping equipment.                                      |              |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                         | -8.26        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                         | -4.13        |           |            |
|                  | For 3,500 PSI Concrete, Add                                            | 7.65         |           |            |
|                  | For 3,750 PSI Concrete, Add                                            | 10.40        |           |            |
|                  | For 4,000 PSI Concrete, Add                                            | 13.16        |           |            |
|                  | For 4,500 PSI Concrete, Add                                            | 15.30        |           |            |
|                  | For 5,000 PSI Concrete, Add                                            | 17.44        |           |            |
|                  | For 6,000 PSI Concrete, Add                                            | 41.31        |           |            |
|                  | For White Cement Concrete, Add                                         | 18.36        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 19.89        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                         | 15.30        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                              | 53.55        |           |            |
|                  | For Up To 20, Add                                                      | 23.25        |           |            |
|                  | For >20 To 50, Add                                                     | 8.72         |           |            |
|                  | For >100 To 200, Deduct                                                | -4.22        |           |            |
|                  | For >200 To 400, Deduct                                                | -8.44        |           |            |
|                  | For >400, Deduct                                                       | -12.67       |           |            |
| 03 31 13 00-0016 | Place Concrete Continuous Footings (03 31 13 00-0011)                  |              |           |            |
| 03 31 13 00-0017 | CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings..... | 262.21       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                         | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                         | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                            | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                            | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                            | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                            | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                            | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                            | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                         | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                              | 49.43        |           |            |
|                  | For Up To 20, Add                                                      | 48.40        |           |            |
|                  | For >20 To 50, Add                                                     | 18.15        |           |            |
|                  | For >100 To 200, Deduct                                                | -5.24        |           |            |
|                  | For >200 To 400, Deduct                                                | -10.49       |           |            |
|                  | For >400, Deduct                                                       | -15.73       |           |            |
| 03 31 13 00-0018 | CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings .....    | 195.48       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                         | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                         | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                            | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                            | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                            | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                            | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                            | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                            | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                         | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                              | 49.43        |           |            |
|                  | For Up To 20, Add                                                      | 21.70        |           |            |
|                  | For >20 To 50, Add                                                     | 8.14         |           |            |
|                  | For >100 To 200, Deduct                                                | -3.91        |           |            |
|                  | For >200 To 400, Deduct                                                | -7.82        |           |            |
|                  | For >400, Deduct                                                       | -11.73       |           |            |



|                        |  |  |       |    |
|------------------------|--|--|-------|----|
| Concrete               |  |  | 03    | 03 |
| Cast-In-Place Concrete |  |  | 03 30 |    |
| Structural Concrete    |  |  | 03 31 |    |

| MINOR               |                                                                      | TOTAL DIRECT |        | DEMOLITION |
|---------------------|----------------------------------------------------------------------|--------------|--------|------------|
| CSI UOM DESCRIPTION |                                                                      | UNIT COST    |        | UNIT COST  |
| 03 31 13 00-0019    | CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings ..... |              | 204.66 |            |
|                     | Note: Excludes pumping equipment.                                    |              |        |            |
|                     | For 2,000 PSI Concrete, Deduct                                       |              | -8.26  |            |
|                     | For 2,500 PSI Concrete, Deduct                                       |              | -4.13  |            |
|                     | For 3,500 PSI Concrete, Add                                          |              | 7.65   |            |
|                     | For 3,750 PSI Concrete, Add                                          |              | 10.40  |            |
|                     | For 4,000 PSI Concrete, Add                                          |              | 13.16  |            |
|                     | For 4,500 PSI Concrete, Add                                          |              | 15.30  |            |
|                     | For 5,000 PSI Concrete, Add                                          |              | 17.44  |            |
|                     | For 6,000 PSI Concrete, Add                                          |              | 41.31  |            |
|                     | For White Cement Concrete, Add                                       |              | 18.36  |            |
|                     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   |              | 19.89  |            |
|                     | For High Early Strength, Type 3 ASTM C150, Add                       |              | 15.30  |            |
|                     | For Lightweight Aggregate, ASTM C330, Add                            |              | 53.55  |            |
|                     | For Up To 20, Add                                                    |              | 20.67  |            |
|                     | For >20 To 50, Add                                                   |              | 7.75   |            |
|                     | For >100 To 200, Deduct                                              |              | -4.09  |            |
|                     | For >200 To 400, Deduct                                              |              | -8.19  |            |
|                     | For >400, Deduct                                                     |              | -12.28 |            |
| 03 31 13 00-0020    | Place Concrete Spread Footings (03 31 13 00-0019)                    |              |        |            |
| 03 31 13 00-0021    | CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings .....  |              | 345.39 |            |
|                     | For 2,000 PSI Concrete, Deduct                                       |              | -7.63  |            |
|                     | For 2,500 PSI Concrete, Deduct                                       |              | -3.81  |            |
|                     | For 3,500 PSI Concrete, Add                                          |              | 7.06   |            |
|                     | For 3,750 PSI Concrete, Add                                          |              | 9.60   |            |
|                     | For 4,000 PSI Concrete, Add                                          |              | 12.14  |            |
|                     | For 4,500 PSI Concrete, Add                                          |              | 14.12  |            |
|                     | For 5,000 PSI Concrete, Add                                          |              | 16.10  |            |
|                     | For 6,000 PSI Concrete, Add                                          |              | 38.13  |            |
|                     | For White Cement Concrete, Add                                       |              | 16.95  |            |
|                     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   |              | 18.36  |            |
|                     | For High Early Strength, Type 3 ASTM C150, Add                       |              | 14.12  |            |
|                     | For Lightweight Aggregate, ASTM C330, Add                            |              | 49.43  |            |
|                     | For Up To 20, Add                                                    |              | 81.67  |            |
|                     | For >20 To 50, Add                                                   |              | 30.63  |            |
|                     | For >100 To 200, Deduct                                              |              | -6.91  |            |
|                     | For >200 To 400, Deduct                                              |              | -13.82 |            |
|                     | For >400, Deduct                                                     |              | -20.72 |            |
| 03 31 13 00-0022    | CY Direct Chute, Place 3,000 PSI Concrete Spread Footings .....      |              | 232.78 |            |
|                     | For 2,000 PSI Concrete, Deduct                                       |              | -7.63  |            |
|                     | For 2,500 PSI Concrete, Deduct                                       |              | -3.81  |            |
|                     | For 3,500 PSI Concrete, Add                                          |              | 7.06   |            |
|                     | For 3,750 PSI Concrete, Add                                          |              | 9.60   |            |
|                     | For 4,000 PSI Concrete, Add                                          |              | 12.14  |            |
|                     | For 4,500 PSI Concrete, Add                                          |              | 14.12  |            |
|                     | For 5,000 PSI Concrete, Add                                          |              | 16.10  |            |
|                     | For 6,000 PSI Concrete, Add                                          |              | 38.13  |            |
|                     | For White Cement Concrete, Add                                       |              | 16.95  |            |
|                     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   |              | 18.36  |            |
|                     | For High Early Strength, Type 3 ASTM C150, Add                       |              | 14.12  |            |
|                     | For Lightweight Aggregate, ASTM C330, Add                            |              | 49.43  |            |
|                     | For Up To 20, Add                                                    |              | 36.62  |            |
|                     | For >20 To 50, Add                                                   |              | 13.73  |            |
|                     | For >100 To 200, Deduct                                              |              | -4.66  |            |
|                     | For >200 To 400, Deduct                                              |              | -9.31  |            |
|                     | For >400, Deduct                                                     |              | -13.97 |            |
| 03 31 13 00-0023    | CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings .....     |              | 240.19 |            |
|                     | Note: Excludes pumping equipment.                                    |              |        |            |
|                     | For 2,000 PSI Concrete, Deduct                                       |              | -8.26  |            |
|                     | For 2,500 PSI Concrete, Deduct                                       |              | -4.13  |            |
|                     | For 3,500 PSI Concrete, Add                                          |              | 7.65   |            |
|                     | For 3,750 PSI Concrete, Add                                          |              | 10.40  |            |
|                     | For 4,000 PSI Concrete, Add                                          |              | 13.16  |            |
|                     | For 4,500 PSI Concrete, Add                                          |              | 15.30  |            |
|                     | For 5,000 PSI Concrete, Add                                          |              | 17.44  |            |
|                     | For 6,000 PSI Concrete, Add                                          |              | 41.31  |            |
|                     | For White Cement Concrete, Add                                       |              | 18.36  |            |
|                     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   |              | 19.89  |            |
|                     | For High Early Strength, Type 3 ASTM C150, Add                       |              | 15.30  |            |
|                     | For Lightweight Aggregate, ASTM C330, Add                            |              | 53.55  |            |
|                     | For Up To 20, Add                                                    |              | 34.88  |            |
|                     | For >20 To 50, Add                                                   |              | 13.08  |            |
|                     | For >100 To 200, Deduct                                              |              | -4.80  |            |
|                     | For >200 To 400, Deduct                                              |              | -9.61  |            |
|                     | For >400, Deduct                                                     |              | -14.41 |            |
| 03 31 13 00-0024    | Place Concrete Mat Foundation (03 31 13 00-0011)                     |              |        |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

| MINOR            |                                                                    | TOTAL DIRECT |           | DEMOLITION |
|------------------|--------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                    | UNIT COST    | UNIT COST | UNIT COST  |
| 03 31 13 00-0025 | CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....  | 177.52       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                     | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                     | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                        | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                        | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                        | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                        | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                        | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                        | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                     | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                     | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                          | 49.43        |           |            |
|                  | For Up To 20, Add                                                  | 14.52        |           |            |
|                  | For >20 To 50, Add                                                 | 5.45         |           |            |
|                  | For >100 To 200, Deduct                                            | -3.55        |           |            |
|                  | For >200 To 400, Deduct                                            | -7.10        |           |            |
|                  | For >400, Deduct                                                   | -10.65       |           |            |
| 03 31 13 00-0026 | CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....      | 157.50       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                     | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                     | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                        | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                        | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                        | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                        | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                        | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                        | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                     | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                     | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                          | 49.43        |           |            |
|                  | For Up To 20, Add                                                  | 6.51         |           |            |
|                  | For >20 To 50, Add                                                 | 2.44         |           |            |
|                  | For >100 To 200, Deduct                                            | -3.15        |           |            |
|                  | For >200 To 400, Deduct                                            | -6.30        |           |            |
|                  | For >400, Deduct                                                   | -9.45        |           |            |
| 03 31 13 00-0027 | CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....     | 166.56       |           |            |
|                  | Note: Excludes pumping equipment.                                  |              |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                     | -8.26        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                     | -4.13        |           |            |
|                  | For 3,500 PSI Concrete, Add                                        | 7.65         |           |            |
|                  | For 3,750 PSI Concrete, Add                                        | 10.40        |           |            |
|                  | For 4,000 PSI Concrete, Add                                        | 13.16        |           |            |
|                  | For 4,500 PSI Concrete, Add                                        | 15.30        |           |            |
|                  | For 5,000 PSI Concrete, Add                                        | 17.44        |           |            |
|                  | For 6,000 PSI Concrete, Add                                        | 41.31        |           |            |
|                  | For White Cement Concrete, Add                                     | 18.36        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 19.89        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                     | 15.30        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                          | 53.55        |           |            |
|                  | For Up To 20, Add                                                  | 5.43         |           |            |
|                  | For >20 To 50, Add                                                 | 2.04         |           |            |
|                  | For >100 To 200, Deduct                                            | -3.33        |           |            |
|                  | For >200 To 400, Deduct                                            | -6.66        |           |            |
|                  | For >400, Deduct                                                   | -9.99        |           |            |
| 03 31 13 00-0028 | Place Concrete Grade Beams (03 31 13 00-0011)                      |              |           |            |
| 03 31 13 00-0029 | CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....     | 238.01       |           |            |
|                  | For 2,000 PSI Concrete, Deduct                                     | -7.63        |           |            |
|                  | For 2,500 PSI Concrete, Deduct                                     | -3.81        |           |            |
|                  | For 3,500 PSI Concrete, Add                                        | 7.06         |           |            |
|                  | For 3,750 PSI Concrete, Add                                        | 9.60         |           |            |
|                  | For 4,000 PSI Concrete, Add                                        | 12.14        |           |            |
|                  | For 4,500 PSI Concrete, Add                                        | 14.12        |           |            |
|                  | For 5,000 PSI Concrete, Add                                        | 16.10        |           |            |
|                  | For 6,000 PSI Concrete, Add                                        | 38.13        |           |            |
|                  | For White Cement Concrete, Add                                     | 16.95        |           |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 18.36        |           |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                     | 14.12        |           |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                          | 49.43        |           |            |
|                  | For Up To 20, Add                                                  | 38.72        |           |            |
|                  | For >20 To 50, Add                                                 | 14.52        |           |            |
|                  | For >100 To 200, Deduct                                            | -4.76        |           |            |
|                  | For >200 To 400, Deduct                                            | -9.52        |           |            |
|                  | For >400, Deduct                                                   | -14.28       |           |            |



|                        |  |  |       |    |
|------------------------|--|--|-------|----|
| Concrete               |  |  | 03    | 03 |
| Cast-In-Place Concrete |  |  | 03 30 |    |
| Structural Concrete    |  |  | 03 31 |    |

| MINOR            |                                                                               | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                               | UNIT COST    |  | UNIT COST  |
| 03 31 13 00-0030 | CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....                    | 184.62       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                   | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                                   | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                   | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                                   | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                                   | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                                   | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                                | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add            | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                     | 49.43        |  |            |
|                  | For Up To 20, Add                                                             | 17.36        |  |            |
|                  | For >20 To 50, Add                                                            | 6.51         |  |            |
|                  | For >100 To 200, Deduct                                                       | -3.69        |  |            |
|                  | For >200 To 400, Deduct                                                       | -7.38        |  |            |
|                  | For >400, Deduct                                                              | -11.03       |  |            |
| 03 31 13 00-0031 | CY Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....                   | 194.33       |  |            |
|                  | Note: Excludes pumping equipment.                                             |              |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                | -8.26        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                | -4.13        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                   | 7.65         |  |            |
|                  | For 3,750 PSI Concrete, Add                                                   | 10.40        |  |            |
|                  | For 4,000 PSI Concrete, Add                                                   | 13.16        |  |            |
|                  | For 4,500 PSI Concrete, Add                                                   | 15.30        |  |            |
|                  | For 5,000 PSI Concrete, Add                                                   | 17.44        |  |            |
|                  | For 6,000 PSI Concrete, Add                                                   | 41.31        |  |            |
|                  | For White Cement Concrete, Add                                                | 18.36        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add            | 19.89        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                | 15.30        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                     | 53.55        |  |            |
|                  | For Up To 20, Add                                                             | 16.54        |  |            |
|                  | For >20 To 50, Add                                                            | 6.20         |  |            |
|                  | For >100 To 200, Deduct                                                       | -3.89        |  |            |
|                  | For >200 To 400, Deduct                                                       | -7.77        |  |            |
|                  | For >400, Deduct                                                              | -11.66       |  |            |
| 03 31 13 00-0032 | Place Concrete Slab On Grade (03 31 13 00-0011).....                          | 240.28       |  |            |
| 03 31 13 00-0033 | CY Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade..... | 240.28       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                   | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                                   | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                   | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                                   | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                                   | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                                   | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                                | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add            | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                     | 49.43        |  |            |
|                  | For Up To 20, Add                                                             | 39.62        |  |            |
|                  | For >20 To 50, Add                                                            | 14.86        |  |            |
|                  | For >100 To 200, Deduct                                                       | -4.81        |  |            |
|                  | For >200 To 400, Deduct                                                       | -9.61        |  |            |
|                  | For >400, Deduct                                                              | -14.42       |  |            |
| 03 31 13 00-0034 | CY >6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....      | 216.39       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                                | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                                | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                                   | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                                   | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                                   | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                                   | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                                   | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                                   | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                                | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add            | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                                | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                                     | 49.43        |  |            |
|                  | For Up To 20, Add                                                             | 30.07        |  |            |
|                  | For >20 To 50, Add                                                            | 11.28        |  |            |
|                  | For >100 To 200, Deduct                                                       | -4.33        |  |            |
|                  | For >200 To 400, Deduct                                                       | -8.66        |  |            |
|                  | For >400, Deduct                                                              | -12.98       |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

| MINOR               |    |                                                                         |        | TOTAL DIRECT | DEMOLITION |
|---------------------|----|-------------------------------------------------------------------------|--------|--------------|------------|
| CSI UOM DESCRIPTION |    |                                                                         |        | UNIT COST    | UNIT COST  |
| 03 31 13 00-0035    | CY | Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....  | 185.64 |              |            |
|                     |    | For 2,000 PSI Concrete, Deduct                                          | -7.63  |              |            |
|                     |    | For 2,500 PSI Concrete, Deduct                                          | -3.81  |              |            |
|                     |    | For 3,500 PSI Concrete, Add                                             | 7.06   |              |            |
|                     |    | For 3,750 PSI Concrete, Add                                             | 9.60   |              |            |
|                     |    | For 4,000 PSI Concrete, Add                                             | 12.14  |              |            |
|                     |    | For 4,500 PSI Concrete, Add                                             | 14.12  |              |            |
|                     |    | For 5,000 PSI Concrete, Add                                             | 16.10  |              |            |
|                     |    | For 6,000 PSI Concrete, Add                                             | 38.13  |              |            |
|                     |    | For White Cement Concrete, Add                                          | 16.95  |              |            |
|                     |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add      | 18.36  |              |            |
|                     |    | For High Early Strength, Type 3 ASTM C150, Add                          | 14.12  |              |            |
|                     |    | For Lightweight Aggregate, ASTM C330, Add                               | 49.43  |              |            |
|                     |    | For Up To 20, Add                                                       | 17.77  |              |            |
|                     |    | For >20 To 50, Add                                                      | 6.66   |              |            |
|                     |    | For >100 To 200, Deduct                                                 | -3.71  |              |            |
|                     |    | For >200 To 400, Deduct                                                 | -7.43  |              |            |
|                     |    | For >400, Deduct                                                        | -11.14 |              |            |
| 03 31 13 00-0036    | CY | >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade .....      | 174.92 |              |            |
|                     |    | For 2,000 PSI Concrete, Deduct                                          | -7.63  |              |            |
|                     |    | For 2,500 PSI Concrete, Deduct                                          | -3.81  |              |            |
|                     |    | For 3,500 PSI Concrete, Add                                             | 7.06   |              |            |
|                     |    | For 3,750 PSI Concrete, Add                                             | 9.60   |              |            |
|                     |    | For 4,000 PSI Concrete, Add                                             | 12.14  |              |            |
|                     |    | For 4,500 PSI Concrete, Add                                             | 14.12  |              |            |
|                     |    | For 5,000 PSI Concrete, Add                                             | 16.10  |              |            |
|                     |    | For 6,000 PSI Concrete, Add                                             | 38.13  |              |            |
|                     |    | For White Cement Concrete, Add                                          | 16.95  |              |            |
|                     |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add      | 18.36  |              |            |
|                     |    | For High Early Strength, Type 3 ASTM C150, Add                          | 14.12  |              |            |
|                     |    | For Lightweight Aggregate, ASTM C330, Add                               | 49.43  |              |            |
|                     |    | For Up To 20, Add                                                       | 13.48  |              |            |
|                     |    | For >20 To 50, Add                                                      | 5.06   |              |            |
|                     |    | For >100 To 200, Deduct                                                 | -3.50  |              |            |
|                     |    | For >200 To 400, Deduct                                                 | -7.00  |              |            |
|                     |    | For >400, Deduct                                                        | -10.50 |              |            |
| 03 31 13 00-0037    | CY | Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade..... | 190.02 |              |            |
|                     |    | Note: Excludes pumping equipment.                                       |        |              |            |
|                     |    | For 2,000 PSI Concrete, Deduct                                          | -8.26  |              |            |
|                     |    | For 2,500 PSI Concrete, Deduct                                          | -4.13  |              |            |
|                     |    | For 3,500 PSI Concrete, Add                                             | 7.65   |              |            |
|                     |    | For 3,750 PSI Concrete, Add                                             | 10.40  |              |            |
|                     |    | For 4,000 PSI Concrete, Add                                             | 13.16  |              |            |
|                     |    | For 4,500 PSI Concrete, Add                                             | 15.30  |              |            |
|                     |    | For 5,000 PSI Concrete, Add                                             | 17.44  |              |            |
|                     |    | For 6,000 PSI Concrete, Add                                             | 41.31  |              |            |
|                     |    | For White Cement Concrete, Add                                          | 18.36  |              |            |
|                     |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add      | 19.89  |              |            |
|                     |    | For High Early Strength, Type 3 ASTM C150, Add                          | 15.30  |              |            |
|                     |    | For Lightweight Aggregate, ASTM C330, Add                               | 53.55  |              |            |
|                     |    | For Up To 20, Add                                                       | 14.81  |              |            |
|                     |    | For >20 To 50, Add                                                      | 5.55   |              |            |
|                     |    | For >100 To 200, Deduct                                                 | -3.80  |              |            |
|                     |    | For >200 To 400, Deduct                                                 | -7.60  |              |            |
|                     |    | For >400, Deduct                                                        | -11.40 |              |            |
| 03 31 13 00-0038    | CY | >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade .....     | 181.08 |              |            |
|                     |    | Note: Excludes pumping equipment.                                       |        |              |            |
|                     |    | For 2,000 PSI Concrete, Deduct                                          | -8.26  |              |            |
|                     |    | For 2,500 PSI Concrete, Deduct                                          | -4.13  |              |            |
|                     |    | For 3,500 PSI Concrete, Add                                             | 7.65   |              |            |
|                     |    | For 3,750 PSI Concrete, Add                                             | 10.40  |              |            |
|                     |    | For 4,000 PSI Concrete, Add                                             | 13.16  |              |            |
|                     |    | For 4,500 PSI Concrete, Add                                             | 15.30  |              |            |
|                     |    | For 5,000 PSI Concrete, Add                                             | 17.44  |              |            |
|                     |    | For 6,000 PSI Concrete, Add                                             | 41.31  |              |            |
|                     |    | For White Cement Concrete, Add                                          | 18.36  |              |            |
|                     |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add      | 19.89  |              |            |
|                     |    | For High Early Strength, Type 3 ASTM C150, Add                          | 15.30  |              |            |
|                     |    | For Lightweight Aggregate, ASTM C330, Add                               | 53.55  |              |            |
|                     |    | For Up To 20, Add                                                       | 11.24  |              |            |
|                     |    | For >20 To 50, Add                                                      | 4.21   |              |            |
|                     |    | For >100 To 200, Deduct                                                 | -3.62  |              |            |
|                     |    | For >200 To 400, Deduct                                                 | -7.24  |              |            |
|                     |    | For >400, Deduct                                                        | -10.86 |              |            |
| 03 31 13 00-0039    |    | Place Concrete Stairs (03 31 13 00-0011)                                |        |              |            |





|  |  |                        |       |    |
|--|--|------------------------|-------|----|
|  |  | Concrete               | 03    | CS |
|  |  | Cast-In-Place Concrete | 03 30 |    |
|  |  | Structural Concrete    | 03 31 |    |

| MINOR            |                                                                      | TOTAL DIRECT |  | DEMOLITION |
|------------------|----------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                      | UNIT COST    |  | UNIT COST  |
| 03 31 13 00-0040 | CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....   | 586.93       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                       | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 49.43        |  |            |
|                  | For Up To 20, Add                                                    | 178.28       |  |            |
|                  | For >20 To 50, Add                                                   | 66.86        |  |            |
|                  | For >100 To 200, Deduct                                              | -11.74       |  |            |
|                  | For >200 To 400, Deduct                                              | -23.48       |  |            |
|                  | For >400, Deduct                                                     | -35.22       |  |            |
| 03 31 13 00-0041 | CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....       | 341.14       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                       | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 49.43        |  |            |
|                  | For Up To 20, Add                                                    | 79.97        |  |            |
|                  | For >20 To 50, Add                                                   | 29.99        |  |            |
|                  | For >100 To 200, Deduct                                              | -6.82        |  |            |
|                  | For >200 To 400, Deduct                                              | -13.65       |  |            |
|                  | For >400, Deduct                                                     | -20.47       |  |            |
| 03 31 13 00-0042 | CY Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....      | 319.60       |  |            |
|                  | Note: Excludes pumping equipment.                                    |              |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -8.26        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -4.13        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.65         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 10.40        |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 13.16        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 15.30        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 17.44        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 41.31        |  |            |
|                  | For White Cement Concrete, Add                                       | 18.36        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 19.89        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 15.30        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 53.55        |  |            |
|                  | For Up To 20, Add                                                    | 66.64        |  |            |
|                  | For >20 To 50, Add                                                   | 24.99        |  |            |
|                  | For >100 To 200, Deduct                                              | -6.39        |  |            |
|                  | For >200 To 400, Deduct                                              | -12.78       |  |            |
|                  | For >400, Deduct                                                     | -19.18       |  |            |
| 03 31 13 00-0043 | Place Concrete Superstructure By Method Indicated (03 31 13 00-0010) |              |  |            |
|                  | See CSI section 03 37 16 00-0001 for concrete pump truck.            |              |  |            |
| 03 31 13 00-0044 | Place Elevated Concrete Beams (03 31 13 00-0043)                     |              |  |            |
| 03 31 13 00-0045 | CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams .....   | 383.19       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                       | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 49.43        |  |            |
|                  | For Up To 20, Add                                                    | 96.79        |  |            |
|                  | For >20 To 50, Add                                                   | 36.30        |  |            |
|                  | For >100 To 200, Deduct                                              | -7.66        |  |            |
|                  | For >200 To 400, Deduct                                              | -15.33       |  |            |
|                  | For >400, Deduct                                                     | -22.99       |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                    |        |
|------------------|----|--------------------------------------------------------------------|--------|
| 03 31 13 00-0046 | CY | Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....        | 256.34 |
|                  |    | Note: Excludes pumping equipment.                                  |        |
|                  |    | For 2,000 PSI Concrete, Deduct                                     | -8.26  |
|                  |    | For 2,500 PSI Concrete, Deduct                                     | -4.13  |
|                  |    | For 3,500 PSI Concrete, Add                                        | 7.65   |
|                  |    | For 3,750 PSI Concrete, Add                                        | 10.40  |
|                  |    | For 4,000 PSI Concrete, Add                                        | 13.16  |
|                  |    | For 4,500 PSI Concrete, Add                                        | 15.30  |
|                  |    | For 5,000 PSI Concrete, Add                                        | 17.44  |
|                  |    | For 6,000 PSI Concrete, Add                                        | 41.31  |
|                  |    | For White Cement Concrete, Add                                     | 18.36  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 19.89  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                     | 15.30  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                          | 53.55  |
|                  |    | For Up To 20, Add                                                  | 41.34  |
|                  |    | For >20 To 50, Add                                                 | 15.50  |
|                  |    | For >100 To 200, Deduct                                            | -5.13  |
|                  |    | For >200 To 400, Deduct                                            | -10.25 |
|                  |    | For >400, Deduct                                                   | -15.38 |

**03 31 13 00-0047 Place Elevated Concrete Slab (03 31 13 00-0043)**

|                  |    |                                                                             |        |
|------------------|----|-----------------------------------------------------------------------------|--------|
| 03 31 13 00-0048 | CY | Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab ..... | 255.14 |
|                  |    | For 2,000 PSI Concrete, Deduct                                              | -7.63  |
|                  |    | For 2,500 PSI Concrete, Deduct                                              | -3.81  |
|                  |    | For 3,500 PSI Concrete, Add                                                 | 7.06   |
|                  |    | For 3,750 PSI Concrete, Add                                                 | 9.60   |
|                  |    | For 4,000 PSI Concrete, Add                                                 | 12.14  |
|                  |    | For 4,500 PSI Concrete, Add                                                 | 14.12  |
|                  |    | For 5,000 PSI Concrete, Add                                                 | 16.10  |
|                  |    | For 6,000 PSI Concrete, Add                                                 | 38.13  |
|                  |    | For White Cement Concrete, Add                                              | 16.95  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add          | 18.36  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                              | 14.12  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                                   | 49.43  |
|                  |    | For Up To 20, Add                                                           | 45.57  |
|                  |    | For >20 To 50, Add                                                          | 17.09  |
|                  |    | For >100 To 200, Deduct                                                     | -5.10  |
|                  |    | For >200 To 400, Deduct                                                     | -10.21 |
|                  |    | For >400, Deduct                                                            | -15.31 |
| 03 31 13 00-0049 | CY | >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....      | 227.66 |
|                  |    | For 2,000 PSI Concrete, Deduct                                              | -7.63  |
|                  |    | For 2,500 PSI Concrete, Deduct                                              | -3.81  |
|                  |    | For 3,500 PSI Concrete, Add                                                 | 7.06   |
|                  |    | For 3,750 PSI Concrete, Add                                                 | 9.60   |
|                  |    | For 4,000 PSI Concrete, Add                                                 | 12.14  |
|                  |    | For 4,500 PSI Concrete, Add                                                 | 14.12  |
|                  |    | For 5,000 PSI Concrete, Add                                                 | 16.10  |
|                  |    | For 6,000 PSI Concrete, Add                                                 | 38.13  |
|                  |    | For White Cement Concrete, Add                                              | 16.95  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add          | 18.36  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                              | 14.12  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                                   | 49.43  |
|                  |    | For Up To 20, Add                                                           | 34.58  |
|                  |    | For >20 To 50, Add                                                          | 12.97  |
|                  |    | For >100 To 200, Deduct                                                     | -4.55  |
|                  |    | For >200 To 400, Deduct                                                     | -9.11  |
|                  |    | For >400, Deduct                                                            | -13.66 |
| 03 31 13 00-0050 | CY | Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....     | 201.65 |
|                  |    | Note: Excludes pumping equipment.                                           |        |
|                  |    | For 2,000 PSI Concrete, Deduct                                              | -8.26  |
|                  |    | For 2,500 PSI Concrete, Deduct                                              | -4.13  |
|                  |    | For 3,500 PSI Concrete, Add                                                 | 7.65   |
|                  |    | For 3,750 PSI Concrete, Add                                                 | 10.40  |
|                  |    | For 4,000 PSI Concrete, Add                                                 | 13.16  |
|                  |    | For 4,500 PSI Concrete, Add                                                 | 15.30  |
|                  |    | For 5,000 PSI Concrete, Add                                                 | 17.44  |
|                  |    | For 6,000 PSI Concrete, Add                                                 | 41.31  |
|                  |    | For White Cement Concrete, Add                                              | 18.36  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add          | 19.89  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                              | 15.30  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                                   | 53.55  |
|                  |    | For Up To 20, Add                                                           | 19.46  |
|                  |    | For >20 To 50, Add                                                          | 7.30   |
|                  |    | For >100 To 200, Deduct                                                     | -4.03  |
|                  |    | For >200 To 400, Deduct                                                     | -8.07  |
|                  |    | For >400, Deduct                                                            | -12.10 |



|  |  |                        |       |    |
|--|--|------------------------|-------|----|
|  |  | Concrete               | 03    | CS |
|  |  | Cast-In-Place Concrete | 03 30 |    |
|  |  | Structural Concrete    | 03 31 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TOTAL DIRECT                                                                                                                                                     |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UNIT COST                                                                                                                                                        |  | UNIT COST  |
| 03 31 13 00-0051 | CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab .....<br>Note: Excludes pumping equipment.<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct | 189.90<br>-8.26<br>-4.13<br>7.65<br>10.40<br>13.16<br>15.30<br>17.44<br>41.31<br>18.36<br>19.89<br>15.30<br>53.65<br>14.76<br>5.54<br>-3.80<br>-7.60<br>-11.39   |  |            |
| 03 31 13 00-0052 | Place Concrete Columns (03 31 13 00-0043)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                  |  |            |
| 03 31 13 00-0053 | CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                         | 402.55<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>104.53<br>39.20<br>-8.05<br>-16.10<br>-24.15 |  |            |
| 03 31 13 00-0054 | CY 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                         | 331.17<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>75.98<br>28.49<br>-6.62<br>-13.25<br>-19.87  |  |            |
| 03 31 13 00-0055 | CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                         | 280.11<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>55.56<br>20.83<br>-5.60<br>-11.20<br>-16.81  |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

| MINOR            |     |                                                                                  | TOTAL DIRECT | DEMOLITION |
|------------------|-----|----------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                      | UNIT COST    | UNIT COST  |
| 03 31 13 00-0056 | CY  | 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns ..... | 257.37       |            |
|                  |     | For 2,000 PSI Concrete, Deduct                                                   | -7.63        |            |
|                  |     | For 2,500 PSI Concrete, Deduct                                                   | -3.81        |            |
|                  |     | For 3,500 PSI Concrete, Add                                                      | 7.06         |            |
|                  |     | For 3,750 PSI Concrete, Add                                                      | 9.60         |            |
|                  |     | For 4,000 PSI Concrete, Add                                                      | 12.14        |            |
|                  |     | For 4,500 PSI Concrete, Add                                                      | 14.12        |            |
|                  |     | For 5,000 PSI Concrete, Add                                                      | 16.10        |            |
|                  |     | For 6,000 PSI Concrete, Add                                                      | 38.13        |            |
|                  |     | For White Cement Concrete, Add                                                   | 16.95        |            |
|                  |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add               | 18.36        |            |
|                  |     | For High Early Strength, Type 3 ASTM C150, Add                                   | 14.12        |            |
|                  |     | For Lightweight Aggregate, ASTM C330, Add                                        | 49.43        |            |
|                  |     | For Up To 20, Add                                                                | 46.46        |            |
|                  |     | For >20 To 50, Add                                                               | 17.42        |            |
|                  |     | For >100 To 200, Deduct                                                          | -5.15        |            |
|                  |     | For >200 To 400, Deduct                                                          | -10.29       |            |
|                  |     | For >400, Deduct                                                                 | -15.44       |            |
| 03 31 13 00-0057 | CY  | 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....    | 264.61       |            |
|                  |     | Note: Excludes pumping equipment.                                                |              |            |
|                  |     | For 2,000 PSI Concrete, Deduct                                                   | -8.26        |            |
|                  |     | For 2,500 PSI Concrete, Deduct                                                   | -4.13        |            |
|                  |     | For 3,500 PSI Concrete, Add                                                      | 7.65         |            |
|                  |     | For 3,750 PSI Concrete, Add                                                      | 10.40        |            |
|                  |     | For 4,000 PSI Concrete, Add                                                      | 13.16        |            |
|                  |     | For 4,500 PSI Concrete, Add                                                      | 15.30        |            |
|                  |     | For 5,000 PSI Concrete, Add                                                      | 17.44        |            |
|                  |     | For 6,000 PSI Concrete, Add                                                      | 41.31        |            |
|                  |     | For White Cement Concrete, Add                                                   | 18.36        |            |
|                  |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add               | 19.89        |            |
|                  |     | For High Early Strength, Type 3 ASTM C150, Add                                   | 15.30        |            |
|                  |     | For Lightweight Aggregate, ASTM C330, Add                                        | 53.55        |            |
|                  |     | For Up To 20, Add                                                                | 44.65        |            |
|                  |     | For >20 To 50, Add                                                               | 16.74        |            |
|                  |     | For >100 To 200, Deduct                                                          | -5.29        |            |
|                  |     | For >200 To 400, Deduct                                                          | -10.58       |            |
|                  |     | For >400, Deduct                                                                 | -15.88       |            |
| 03 31 13 00-0058 | CY  | 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....    | 234.12       |            |
|                  |     | Note: Excludes pumping equipment.                                                |              |            |
|                  |     | For 2,000 PSI Concrete, Deduct                                                   | -8.26        |            |
|                  |     | For 2,500 PSI Concrete, Deduct                                                   | -4.13        |            |
|                  |     | For 3,500 PSI Concrete, Add                                                      | 7.65         |            |
|                  |     | For 3,750 PSI Concrete, Add                                                      | 10.40        |            |
|                  |     | For 4,000 PSI Concrete, Add                                                      | 13.16        |            |
|                  |     | For 4,500 PSI Concrete, Add                                                      | 15.30        |            |
|                  |     | For 5,000 PSI Concrete, Add                                                      | 17.44        |            |
|                  |     | For 6,000 PSI Concrete, Add                                                      | 41.31        |            |
|                  |     | For White Cement Concrete, Add                                                   | 18.36        |            |
|                  |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add               | 19.89        |            |
|                  |     | For High Early Strength, Type 3 ASTM C150, Add                                   | 15.30        |            |
|                  |     | For Lightweight Aggregate, ASTM C330, Add                                        | 53.55        |            |
|                  |     | For Up To 20, Add                                                                | 32.45        |            |
|                  |     | For >20 To 50, Add                                                               | 12.17        |            |
|                  |     | For >100 To 200, Deduct                                                          | -4.68        |            |
|                  |     | For >200 To 400, Deduct                                                          | -9.36        |            |
|                  |     | For >400, Deduct                                                                 | -14.05       |            |
| 03 31 13 00-0059 | CY  | 24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....    | 212.31       |            |
|                  |     | Note: Excludes pumping equipment.                                                |              |            |
|                  |     | For 2,000 PSI Concrete, Deduct                                                   | -8.26        |            |
|                  |     | For 2,500 PSI Concrete, Deduct                                                   | -4.13        |            |
|                  |     | For 3,500 PSI Concrete, Add                                                      | 7.65         |            |
|                  |     | For 3,750 PSI Concrete, Add                                                      | 10.40        |            |
|                  |     | For 4,000 PSI Concrete, Add                                                      | 13.16        |            |
|                  |     | For 4,500 PSI Concrete, Add                                                      | 15.30        |            |
|                  |     | For 5,000 PSI Concrete, Add                                                      | 17.44        |            |
|                  |     | For 6,000 PSI Concrete, Add                                                      | 41.31        |            |
|                  |     | For White Cement Concrete, Add                                                   | 18.36        |            |
|                  |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add               | 19.89        |            |
|                  |     | For High Early Strength, Type 3 ASTM C150, Add                                   | 15.30        |            |
|                  |     | For Lightweight Aggregate, ASTM C330, Add                                        | 53.55        |            |
|                  |     | For Up To 20, Add                                                                | 23.73        |            |
|                  |     | For >20 To 50, Add                                                               | 8.90         |            |
|                  |     | For >100 To 200, Deduct                                                          | -4.25        |            |
|                  |     | For >200 To 400, Deduct                                                          | -8.49        |            |
|                  |     | For >400, Deduct                                                                 | -12.74       |            |



|                        |  |  |       |    |
|------------------------|--|--|-------|----|
| Concrete               |  |  | 03    | 03 |
| Cast-In-Place Concrete |  |  | 03 30 |    |
| Structural Concrete    |  |  | 03 31 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TOTAL DIRECT                                                                                                                                                    |           | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNIT COST                                                                                                                                                       | UNIT COST | UNIT COST  |
| 03 31 13 00-0060 | CY 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....<br>Note: Excludes pumping equipment.<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct | 202.59<br>-8.26<br>-4.13<br>7.65<br>10.40<br>13.16<br>15.30<br>17.44<br>41.31<br>18.36<br>19.89<br>15.30<br>53.65<br>19.84<br>7.44<br>-4.05<br>-8.10<br>-12.16  |           |            |
| 03 31 13 00-0061 | Place Concrete Walls (03 31 13 00-0043)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                 |           |            |
| 03 31 13 00-0062 | CY Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                                          | 386.22<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>98.00<br>36.75<br>-7.72<br>-15.45<br>-23.17 |           |            |
| 03 31 13 00-0063 | CY 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                                               | 365.90<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>89.87<br>33.70<br>-7.32<br>-14.64<br>-21.95 |           |            |
| 03 31 13 00-0064 | CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....<br>For 2,000 PSI Concrete, Deduct<br>For 2,500 PSI Concrete, Deduct<br>For 3,500 PSI Concrete, Add<br>For 3,750 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add<br>For 6,000 PSI Concrete, Add<br>For White Cement Concrete, Add<br>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add<br>For High Early Strength, Type 3 ASTM C150, Add<br>For Lightweight Aggregate, ASTM C330, Add<br>For Up To 20, Add<br>For >20 To 50, Add<br>For >100 To 200, Deduct<br>For >200 To 400, Deduct<br>For >400, Deduct                                               | 312.72<br>-7.63<br>-3.81<br>7.06<br>9.60<br>12.14<br>14.12<br>16.10<br>38.13<br>16.95<br>18.36<br>14.12<br>49.43<br>68.60<br>25.73<br>-6.25<br>-12.51<br>-18.76 |           |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                        |        |  |
|------------------|----|------------------------------------------------------------------------|--------|--|
| 03 31 13 00-0065 | CY | Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....  | 251.09 |  |
|                  |    | For 2,000 PSI Concrete, Deduct                                         | -7.63  |  |
|                  |    | For 2,500 PSI Concrete, Deduct                                         | -3.81  |  |
|                  |    | For 3,500 PSI Concrete, Add                                            | 7.06   |  |
|                  |    | For 3,750 PSI Concrete, Add                                            | 9.60   |  |
|                  |    | For 4,000 PSI Concrete, Add                                            | 12.14  |  |
|                  |    | For 4,500 PSI Concrete, Add                                            | 14.12  |  |
|                  |    | For 5,000 PSI Concrete, Add                                            | 16.10  |  |
|                  |    | For 6,000 PSI Concrete, Add                                            | 38.13  |  |
|                  |    | For White Cement Concrete, Add                                         | 16.95  |  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36  |  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12  |  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                              | 49.43  |  |
|                  |    | For Up To 20, Add                                                      | 43.95  |  |
|                  |    | For >20 To 50, Add                                                     | 16.48  |  |
|                  |    | For >100 To 200, Deduct                                                | -5.02  |  |
|                  |    | For >200 To 400, Deduct                                                | -10.04 |  |
|                  |    | For >400, Deduct                                                       | -15.07 |  |
| 03 31 13 00-0066 | CY | 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....       | 229.12 |  |
|                  |    | For 2,000 PSI Concrete, Deduct                                         | -7.63  |  |
|                  |    | For 2,500 PSI Concrete, Deduct                                         | -3.81  |  |
|                  |    | For 3,500 PSI Concrete, Add                                            | 7.06   |  |
|                  |    | For 3,750 PSI Concrete, Add                                            | 9.60   |  |
|                  |    | For 4,000 PSI Concrete, Add                                            | 12.14  |  |
|                  |    | For 4,500 PSI Concrete, Add                                            | 14.12  |  |
|                  |    | For 5,000 PSI Concrete, Add                                            | 16.10  |  |
|                  |    | For 6,000 PSI Concrete, Add                                            | 38.13  |  |
|                  |    | For White Cement Concrete, Add                                         | 16.95  |  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36  |  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12  |  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                              | 49.43  |  |
|                  |    | For Up To 20, Add                                                      | 35.16  |  |
|                  |    | For >20 To 50, Add                                                     | 13.19  |  |
|                  |    | For >100 To 200, Deduct                                                | -4.58  |  |
|                  |    | For >200 To 400, Deduct                                                | -9.16  |  |
|                  |    | For >400, Deduct                                                       | -13.75 |  |
| 03 31 13 00-0067 | CY | 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....       | 218.14 |  |
|                  |    | For 2,000 PSI Concrete, Deduct                                         | -7.63  |  |
|                  |    | For 2,500 PSI Concrete, Deduct                                         | -3.81  |  |
|                  |    | For 3,500 PSI Concrete, Add                                            | 7.06   |  |
|                  |    | For 3,750 PSI Concrete, Add                                            | 9.60   |  |
|                  |    | For 4,000 PSI Concrete, Add                                            | 12.14  |  |
|                  |    | For 4,500 PSI Concrete, Add                                            | 14.12  |  |
|                  |    | For 5,000 PSI Concrete, Add                                            | 16.10  |  |
|                  |    | For 6,000 PSI Concrete, Add                                            | 38.13  |  |
|                  |    | For White Cement Concrete, Add                                         | 16.95  |  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 18.36  |  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                         | 14.12  |  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                              | 49.43  |  |
|                  |    | For Up To 20, Add                                                      | 30.77  |  |
|                  |    | For >20 To 50, Add                                                     | 11.54  |  |
|                  |    | For >100 To 200, Deduct                                                | -4.36  |  |
|                  |    | For >200 To 400, Deduct                                                | -8.73  |  |
|                  |    | For >400, Deduct                                                       | -13.09 |  |
| 03 31 13 00-0068 | CY | Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls ..... | 257.63 |  |
|                  |    | Note: Excludes pumping equipment.                                      |        |  |
|                  |    | For 2,000 PSI Concrete, Deduct                                         | -8.26  |  |
|                  |    | For 2,500 PSI Concrete, Deduct                                         | -4.13  |  |
|                  |    | For 3,500 PSI Concrete, Add                                            | 7.65   |  |
|                  |    | For 3,750 PSI Concrete, Add                                            | 10.40  |  |
|                  |    | For 4,000 PSI Concrete, Add                                            | 13.16  |  |
|                  |    | For 4,500 PSI Concrete, Add                                            | 15.30  |  |
|                  |    | For 5,000 PSI Concrete, Add                                            | 17.44  |  |
|                  |    | For 6,000 PSI Concrete, Add                                            | 41.31  |  |
|                  |    | For White Cement Concrete, Add                                         | 18.36  |  |
|                  |    | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add     | 19.89  |  |
|                  |    | For High Early Strength, Type 3 ASTM C150, Add                         | 15.30  |  |
|                  |    | For Lightweight Aggregate, ASTM C330, Add                              | 53.55  |  |
|                  |    | For Up To 20, Add                                                      | 41.86  |  |
|                  |    | For >20 To 50, Add                                                     | 15.70  |  |
|                  |    | For >100 To 200, Deduct                                                | -5.15  |  |
|                  |    | For >200 To 400, Deduct                                                | -10.31 |  |
|                  |    | For >400, Deduct                                                       | -15.46 |  |



|  |  |                        |       |    |
|--|--|------------------------|-------|----|
|  |  | Concrete               | 03    | CS |
|  |  | Cast-In-Place Concrete | 03 30 |    |
|  |  | Structural Concrete    | 03 31 |    |

| MINOR            |                                                                      | TOTAL DIRECT |  | DEMOLITION |
|------------------|----------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                      | UNIT COST    |  | UNIT COST  |
| 03 31 13 00-0069 | CY 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls ..... | 236.70       |  |            |
|                  | Note: Excludes pumping equipment.                                    |              |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -8.26        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -4.13        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.65         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 10.40        |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 13.16        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 15.30        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 17.44        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 41.31        |  |            |
|                  | For White Cement Concrete, Add                                       | 18.36        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 19.89        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 15.30        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 53.65        |  |            |
|                  | For Up To 20, Add                                                    | 33.48        |  |            |
|                  | For >20 To 50, Add                                                   | 12.56        |  |            |
|                  | For >100 To 200, Deduct                                              | -4.73        |  |            |
|                  | For >200 To 400, Deduct                                              | -9.47        |  |            |
|                  | For >400, Deduct                                                     | -14.20       |  |            |
| 03 31 13 00-0070 | CY 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls ..... | 226.24       |  |            |
|                  | Note: Excludes pumping equipment.                                    |              |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -8.26        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -4.13        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.65         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 10.40        |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 13.16        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 15.30        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 17.44        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 41.31        |  |            |
|                  | For White Cement Concrete, Add                                       | 18.36        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 19.89        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 15.30        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 53.55        |  |            |
|                  | For Up To 20, Add                                                    | 29.30        |  |            |
|                  | For >20 To 50, Add                                                   | 10.99        |  |            |
|                  | For >100 To 200, Deduct                                              | -4.52        |  |            |
|                  | For >200 To 400, Deduct                                              | -9.05        |  |            |
|                  | For >400, Deduct                                                     | -13.57       |  |            |
| 03 31 13 00-0071 | Place Elevated Concrete Stairs (03 31 13 00-0043)                    |              |  |            |
| 03 31 13 00-0072 | CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs .....  | 636.52       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                       | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 49.43        |  |            |
|                  | For Up To 20, Add                                                    | 198.12       |  |            |
|                  | For >20 To 50, Add                                                   | 74.30        |  |            |
|                  | For >100 To 200, Deduct                                              | -12.73       |  |            |
|                  | For >200 To 400, Deduct                                              | -25.46       |  |            |
|                  | For >400, Deduct                                                     | -38.19       |  |            |
| 03 31 13 00-0073 | CY Direct Chute, Place 3,000 PSI Elevated Concrete Stairs .....      | 363.34       |  |            |
|                  | For 2,000 PSI Concrete, Deduct                                       | -7.63        |  |            |
|                  | For 2,500 PSI Concrete, Deduct                                       | -3.81        |  |            |
|                  | For 3,500 PSI Concrete, Add                                          | 7.06         |  |            |
|                  | For 3,750 PSI Concrete, Add                                          | 9.60         |  |            |
|                  | For 4,000 PSI Concrete, Add                                          | 12.14        |  |            |
|                  | For 4,500 PSI Concrete, Add                                          | 14.12        |  |            |
|                  | For 5,000 PSI Concrete, Add                                          | 16.10        |  |            |
|                  | For 6,000 PSI Concrete, Add                                          | 38.13        |  |            |
|                  | For White Cement Concrete, Add                                       | 16.95        |  |            |
|                  | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add   | 18.36        |  |            |
|                  | For High Early Strength, Type 3 ASTM C150, Add                       | 14.12        |  |            |
|                  | For Lightweight Aggregate, ASTM C330, Add                            | 49.43        |  |            |
|                  | For Up To 20, Add                                                    | 88.85        |  |            |
|                  | For >20 To 50, Add                                                   | 33.32        |  |            |
|                  | For >100 To 200, Deduct                                              | -7.27        |  |            |
|                  | For >200 To 400, Deduct                                              | -14.53       |  |            |
|                  | For >400, Deduct                                                     | -21.80       |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

| MINOR            | CSI | UOM | DESCRIPTION                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------|---------------------------|-------------------------|
| 03 31 13 00-0074 | CY  |     | Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....       | 338.10                    |                         |
|                  |     |     | Note: Excludes pumping equipment.                                  |                           |                         |
|                  |     |     | For 2,000 PSI Concrete, Deduct                                     | -8.26                     |                         |
|                  |     |     | For 2,500 PSI Concrete, Deduct                                     | -4.13                     |                         |
|                  |     |     | For 3,500 PSI Concrete, Add                                        | 7.65                      |                         |
|                  |     |     | For 3,750 PSI Concrete, Add                                        | 10.40                     |                         |
|                  |     |     | For 4,000 PSI Concrete, Add                                        | 13.16                     |                         |
|                  |     |     | For 4,500 PSI Concrete, Add                                        | 15.30                     |                         |
|                  |     |     | For 5,000 PSI Concrete, Add                                        | 17.44                     |                         |
|                  |     |     | For 6,000 PSI Concrete, Add                                        | 41.31                     |                         |
|                  |     |     | For White Cement Concrete, Add                                     | 18.36                     |                         |
|                  |     |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 19.89                     |                         |
|                  |     |     | For High Early Strength, Type 3 ASTM C150, Add                     | 15.30                     |                         |
|                  |     |     | For Lightweight Aggregate, ASTM C330, Add                          | 53.55                     |                         |
|                  |     |     | For Up To 20, Add                                                  | 74.04                     |                         |
|                  |     |     | For >20 To 50, Add                                                 | 27.77                     |                         |
|                  |     |     | For >100 To 200, Deduct                                            | -6.76                     |                         |
|                  |     |     | For >200 To 400, Deduct                                            | -13.52                    |                         |
|                  |     |     | For >400, Deduct                                                   | -20.29                    |                         |
| 03 31 13 00-0075 |     |     | <b>Place Concrete Coping</b> (03 31 13 00-0043)                    |                           |                         |
| 03 31 13 00-0076 | CY  |     | Crane And Bucket, Place 3,000 PSI Concrete Coping .....            | 653.63                    |                         |
|                  |     |     | For 2,000 PSI Concrete, Deduct                                     | -7.63                     |                         |
|                  |     |     | For 2,500 PSI Concrete, Deduct                                     | -3.81                     |                         |
|                  |     |     | For 3,500 PSI Concrete, Add                                        | 7.06                      |                         |
|                  |     |     | For 3,750 PSI Concrete, Add                                        | 9.60                      |                         |
|                  |     |     | For 4,000 PSI Concrete, Add                                        | 12.14                     |                         |
|                  |     |     | For 4,500 PSI Concrete, Add                                        | 14.12                     |                         |
|                  |     |     | For 5,000 PSI Concrete, Add                                        | 16.10                     |                         |
|                  |     |     | For 6,000 PSI Concrete, Add                                        | 38.13                     |                         |
|                  |     |     | For White Cement Concrete, Add                                     | 16.95                     |                         |
|                  |     |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 18.36                     |                         |
|                  |     |     | For High Early Strength, Type 3 ASTM C150, Add                     | 14.12                     |                         |
|                  |     |     | For Lightweight Aggregate, ASTM C330, Add                          | 49.43                     |                         |
|                  |     |     | For Up To 20, Add                                                  | 204.96                    |                         |
|                  |     |     | For >20 To 50, Add                                                 | 76.86                     |                         |
|                  |     |     | For >100 To 200, Deduct                                            | -13.07                    |                         |
|                  |     |     | For >200 To 400, Deduct                                            | -26.15                    |                         |
|                  |     |     | For >400, Deduct                                                   | -39.22                    |                         |
| 03 31 13 00-0077 | CY  |     | Direct Chute, Place 3,000 PSI Concrete Coping .....                | 361.85                    |                         |
|                  |     |     | For 2,000 PSI Concrete, Deduct                                     | -7.63                     |                         |
|                  |     |     | For 2,500 PSI Concrete, Deduct                                     | -3.81                     |                         |
|                  |     |     | For 3,500 PSI Concrete, Add                                        | 7.06                      |                         |
|                  |     |     | For 3,750 PSI Concrete, Add                                        | 9.60                      |                         |
|                  |     |     | For 4,000 PSI Concrete, Add                                        | 12.14                     |                         |
|                  |     |     | For 4,500 PSI Concrete, Add                                        | 14.12                     |                         |
|                  |     |     | For 5,000 PSI Concrete, Add                                        | 16.10                     |                         |
|                  |     |     | For 6,000 PSI Concrete, Add                                        | 38.13                     |                         |
|                  |     |     | For White Cement Concrete, Add                                     | 16.95                     |                         |
|                  |     |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 18.36                     |                         |
|                  |     |     | For High Early Strength, Type 3 ASTM C150, Add                     | 14.12                     |                         |
|                  |     |     | For Lightweight Aggregate, ASTM C330, Add                          | 49.43                     |                         |
|                  |     |     | For Up To 20, Add                                                  | 88.25                     |                         |
|                  |     |     | For >20 To 50, Add                                                 | 33.09                     |                         |
|                  |     |     | For >100 To 200, Deduct                                            | -7.24                     |                         |
|                  |     |     | For >200 To 400, Deduct                                            | -14.47                    |                         |
|                  |     |     | For >400, Deduct                                                   | -21.71                    |                         |
| 03 31 13 00-0078 | CY  |     | Concrete Pump, Place 3,000 PSI Concrete Coping .....               | 487.17                    |                         |
|                  |     |     | Note: Excludes pumping equipment.                                  |                           |                         |
|                  |     |     | For 2,000 PSI Concrete, Deduct                                     | -8.26                     |                         |
|                  |     |     | For 2,500 PSI Concrete, Deduct                                     | -4.13                     |                         |
|                  |     |     | For 3,500 PSI Concrete, Add                                        | 7.65                      |                         |
|                  |     |     | For 3,750 PSI Concrete, Add                                        | 10.40                     |                         |
|                  |     |     | For 4,000 PSI Concrete, Add                                        | 13.16                     |                         |
|                  |     |     | For 4,500 PSI Concrete, Add                                        | 15.30                     |                         |
|                  |     |     | For 5,000 PSI Concrete, Add                                        | 17.44                     |                         |
|                  |     |     | For 6,000 PSI Concrete, Add                                        | 41.31                     |                         |
|                  |     |     | For White Cement Concrete, Add                                     | 18.36                     |                         |
|                  |     |     | For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add | 19.89                     |                         |
|                  |     |     | For High Early Strength, Type 3 ASTM C150, Add                     | 15.30                     |                         |
|                  |     |     | For Lightweight Aggregate, ASTM C330, Add                          | 53.55                     |                         |
|                  |     |     | For Up To 20, Add                                                  | 133.67                    |                         |
|                  |     |     | For >20 To 50, Add                                                 | 50.13                     |                         |
|                  |     |     | For >100 To 200, Deduct                                            | -9.74                     |                         |
|                  |     |     | For >200 To 400, Deduct                                            | -19.49                    |                         |
|                  |     |     | For >400, Deduct                                                   | -29.23                    |                         |
| 03 31 13 00-0079 |     |     | <b>Concrete Carts</b> (03 31 13 00-0010)                           |                           |                         |
|                  |     |     | Note: Used to place concrete were necessary.                       |                           |                         |
| 03 31 13 00-0080 | CY  |     | 50' Haul, Non-Motorized, Concrete Buggy .....                      | 27.22                     |                         |
| 03 31 13 00-0081 | CY  |     | 150' Haul, Non-Motorized, Concrete Buggy .....                     | 36.45                     |                         |
| 03 31 13 00-0082 | CY  |     | 250' Haul, Non-Motorized, Concrete Buggy .....                     | 48.61                     |                         |
| 03 31 13 00-0083 | CY  |     | 50' Haul, Motorized, Concrete Buggy .....                          | 12.18                     |                         |
| 03 31 13 00-0084 | CY  |     | 150' Haul, Motorized, Concrete Buggy .....                         | 16.33                     |                         |





|  |  |                        |           |           |
|--|--|------------------------|-----------|-----------|
|  |  | <b>Concrete</b>        | <b>03</b> | <b>CS</b> |
|  |  | Cast-In-Place Concrete | 03 30     |           |
|  |  | Structural Concrete    | 03 31     |           |

| MINOR            |                                                                                                                                                                                                                                                                             | TOTAL DIRECT                      |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                             | UNIT COST                         |  | UNIT COST  |
| 03 31 13 00-0085 | CY 250' Haul, Motorized, Concrete Buggy .....                                                                                                                                                                                                                               | 21.77                             |  |            |
| 03 31 13 00-0086 | <b>Delivery Fee For Small Concrete Purchases (Short Load)</b> (03 31 13)                                                                                                                                                                                                    |                                   |  |            |
| 03 31 13 00-0087 | CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY.....<br>Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2)<br>= 7.                                              | 26.22                             |  |            |
| 03 31 13 00-0088 | <b>Equipment Pads</b> (03 31 13)                                                                                                                                                                                                                                            |                                   |  |            |
| 03 31 13 00-0089 | <b>Small Concrete Equipment Housekeeping Pad Assemblies</b> (03 31 13 00-0088)<br>Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads. |                                   |  |            |
| 03 31 13 00-0090 | SF 4" Equipment Pad With Welded Wire Reinforcement Assembly.....<br>For >5 To 20 Pads, Deduct<br>For >20 To 50 Pads, Deduct<br>For >50 Pads, Deduct                                                                                                                         | 18.69<br>-2.35<br>-4.31<br>-6.26  |  |            |
| 03 31 13 00-0091 | SF 4" Equipment Pad With Rebar Assembly.....<br>For >5 To 20 Pads, Deduct<br>For >20 To 50 Pads, Deduct<br>For >50 Pads, Deduct                                                                                                                                             | 23.33<br>-2.71<br>-4.97<br>-7.23  |  |            |
| 03 31 13 00-0092 | SF 6" Equipment Pad With Rebar Assembly.....<br>For >5 To 20 Pads, Deduct<br>For >20 To 50 Pads, Deduct<br>For >50 Pads, Deduct                                                                                                                                             | 29.21<br>-3.41<br>-6.25<br>-9.09  |  |            |
| 03 31 13 00-0093 | SF 8" Equipment Pad With Rebar Assembly.....<br>For >5 To 20 Pads, Deduct<br>For >20 To 50 Pads, Deduct<br>For >50 Pads, Deduct                                                                                                                                             | 36.59<br>-4.33<br>-7.94<br>-11.54 |  |            |
| 03 31 16         | <b>Lightweight Structural Concrete</b> (03 31)                                                                                                                                                                                                                              |                                   |  |            |
| 03 31 16 00-0001 | <b>Low Density Cellular / Foam Concrete Fill</b> (03 31 16)                                                                                                                                                                                                                 |                                   |  |            |
| 03 31 16 00-0002 | CY Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range .....                                                                                                                                                                              | 303.89                            |  |            |
| 03 35            | <b>Concrete Finishing</b> (03 35)                                                                                                                                                                                                                                           |                                   |  |            |
| 03 35 13         | <b>High-Tolerance Concrete Floor Finishing</b> (03 35)                                                                                                                                                                                                                      |                                   |  |            |
| 03 35 13 00-0001 | <b>Floor Finishes</b> (03 35 13)<br>Note: Task is for final finish type and includes all required prior finishes.                                                                                                                                                           |                                   |  |            |
| 03 35 13 00-0002 | SF Screed, Concrete Floor Finish .....                                                                                                                                                                                                                                      | 1.03                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 2.06                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.52                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.26                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.05                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.10                             |  |            |
| 03 35 13 00-0003 | SF Darby, Concrete Floor Finish.....                                                                                                                                                                                                                                        | 1.23                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 2.46                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.62                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.31                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.06                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.12                             |  |            |
| 03 35 13 00-0004 | SF Broom, Concrete Floor Finish.....                                                                                                                                                                                                                                        | 1.36                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 2.72                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.68                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.34                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.07                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.14                             |  |            |
| 03 35 13 00-0005 | SF Final Float, Concrete Floor Finish.....                                                                                                                                                                                                                                  | 1.59                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 3.18                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.80                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.40                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.08                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.16                             |  |            |
| 03 35 13 00-0006 | SF Steel Trowel, Concrete Floor Finish.....                                                                                                                                                                                                                                 | 1.79                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 3.58                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.90                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.45                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.09                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.18                             |  |            |
| 03 35 13 00-0007 | SF Concrete Floor Finishes, Machine.....                                                                                                                                                                                                                                    | 1.59                              |  |            |
|                  | For Up To 100, Add                                                                                                                                                                                                                                                          | 3.18                              |  |            |
|                  | For >100 To 250, Add                                                                                                                                                                                                                                                        | 0.80                              |  |            |
|                  | For >250 To 500, Add                                                                                                                                                                                                                                                        | 0.40                              |  |            |
|                  | For >5,000 To 10,000, Deduct                                                                                                                                                                                                                                                | -0.08                             |  |            |
|                  | For >10,000, Deduct                                                                                                                                                                                                                                                         | -0.16                             |  |            |
| 03 35 16         | <b>Heavy-Duty Concrete Floor Finishing</b> (03 35)                                                                                                                                                                                                                          |                                   |  |            |
| 03 35 16 00-0001 | <b>Shake On Floor Hardeners</b> (03 35 16)                                                                                                                                                                                                                                  |                                   |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                         |      |  |
|------------------|----|---------------------------------------------------------|------|--|
| 03 35 16 00-0002 | SF | 0.3 LB/SF, Metallic, Shake On Floor Hardener .....      | 1.23 |  |
| 03 35 16 00-0003 | SF | 0.65 LB/SF, Metallic, Shake On Floor Hardener .....     | 1.84 |  |
| 03 35 16 00-0004 | SF | 0.3 LB/SF, Non-Metallic, Shake On Floor Hardener .....  | 1.17 |  |
| 03 35 16 00-0005 | SF | 0.65 LB/SF, Non-Metallic, Shake On Floor Hardener ..... | 1.38 |  |

**03 35 19 Colored Concrete Finishing (03 35)****03 35 19 00-0001 Concrete Surface Treatments (03 35 19)**

|                  |    |                                                        |      |  |
|------------------|----|--------------------------------------------------------|------|--|
| 03 35 19 00-0002 | SF | Acrylic Latex Bonding Agent .....                      | 0.58 |  |
| 03 35 19 00-0003 | SF | Epoxy Resin Bonding Agent .....                        | 3.39 |  |
| 03 35 19 00-0004 | SF | Clear Acrylic Sealer, Hardener And Dustproofer .....   | 0.40 |  |
| 03 35 19 00-0005 | SF | Colored Acrylic Sealer, Hardener And Dustproofer ..... | 0.42 |  |

**03 35 23 Exposed Aggregate Concrete Finishing (03 35)****03 35 23 00-0001 Exposed Aggregate, Concrete Finish (03 35 23)**

|                  |    |                                                |      |  |
|------------------|----|------------------------------------------------|------|--|
| 03 35 23 00-0002 | SF | Exposed Aggregate, Concrete Floor Finish ..... | 3.69 |  |
|------------------|----|------------------------------------------------|------|--|

**03 35 26 Grooved Concrete Surface Finishing (03 35)****03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing (03 35 26)**

|                  |    |                                                |      |  |
|------------------|----|------------------------------------------------|------|--|
| 03 35 26 00-0002 | SF | Ramp, Grooved Concrete Surface Finishing ..... | 4.69 |  |
|------------------|----|------------------------------------------------|------|--|

**03 35 29 Tooled Concrete Finishing (03 35)****03 35 29 00-0001 Solid Board Concrete Finish (03 35 29)**

|                  |    |                                                                        |       |  |
|------------------|----|------------------------------------------------------------------------|-------|--|
| 03 35 29 00-0002 | SF | Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork ..... | 15.87 |  |
|------------------|----|------------------------------------------------------------------------|-------|--|

**03 35 29 00-0003 Marblecrete Finishes (03 35 29)**

|                  |    |                                       |       |  |
|------------------|----|---------------------------------------|-------|--|
| 03 35 29 00-0004 | SF | 2" Thick Marblecrete And Finish ..... | 34.94 |  |
| 03 35 29 00-0005 | SF | 4" Thick Marblecrete And Finish ..... | 46.90 |  |

**03 35 33 Stamped Concrete Finishing (03 35)****03 35 33 00-0001 Stamped Concrete Finishes (03 35 33)**

|                  |    |                                                   |      |  |
|------------------|----|---------------------------------------------------|------|--|
| 03 35 33 00-0002 | SF | Up To 2,500 SF Stamped Concrete Finish .....      | 4.13 |  |
| 03 35 33 00-0003 | SF | >2,500 To 10,000 SF Stamped Concrete Finish ..... | 3.75 |  |
| 03 35 33 00-0004 | SF | >10,000 SF Stamped Concrete Finish .....          | 3.58 |  |

**03 35 43 Polished Concrete Finishing (03 35)****03 35 43 00-0001 Concrete Floor Polishing System (03 35 43)**

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

|                  |    |                                                                                   |       |  |
|------------------|----|-----------------------------------------------------------------------------------|-------|--|
| 03 35 43 00-0002 | SF | Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels .....  | 1.95  |  |
|                  |    | For Up To 500, Add .....                                                          | 3.71  |  |
|                  |    | For >500 To 1,000, Add .....                                                      | 3.44  |  |
|                  |    | For >1,000 To 2,500, Add .....                                                    | 2.27  |  |
|                  |    | For >2,500 To 4,000, Add .....                                                    | 1.18  |  |
|                  |    | For >8,000 To 15,000, Deduct .....                                                | -0.46 |  |
|                  |    | For >15,000 To 25,000, Deduct .....                                               | -0.58 |  |
|                  |    | For >25,000, Deduct .....                                                         | -0.82 |  |
| 03 35 43 00-0003 | SF | Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels .....  | 1.56  |  |
|                  |    | For Up To 500, Add .....                                                          | 2.95  |  |
|                  |    | For >500 To 1,000, Add .....                                                      | 2.74  |  |
|                  |    | For >1,000 To 2,500, Add .....                                                    | 1.81  |  |
|                  |    | For >2,500 To 4,000, Add .....                                                    | 0.94  |  |
|                  |    | For >8,000 To 15,000, Deduct .....                                                | -0.36 |  |
|                  |    | For >15,000 To 25,000, Deduct .....                                               | -0.46 |  |
|                  |    | For >25,000, Deduct .....                                                         | -0.65 |  |
| 03 35 43 00-0004 | SF | Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels ..... | 1.31  |  |
|                  |    | For Up To 500, Add .....                                                          | 2.46  |  |
|                  |    | For >500 To 1,000, Add .....                                                      | 2.29  |  |
|                  |    | For >1,000 To 2,500, Add .....                                                    | 1.51  |  |
|                  |    | For >2,500 To 4,000, Add .....                                                    | 0.79  |  |
|                  |    | For >8,000 To 15,000, Deduct .....                                                | -0.30 |  |
|                  |    | For >15,000 To 25,000, Deduct .....                                               | -0.39 |  |
|                  |    | For >25,000, Deduct .....                                                         | -0.55 |  |
| 03 35 43 00-0005 | SF | Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels ..... | 1.21  |  |
|                  |    | For Up To 500, Add .....                                                          | 2.27  |  |
|                  |    | For >500 To 1,000, Add .....                                                      | 2.11  |  |
|                  |    | For >1,000 To 2,500, Add .....                                                    | 1.39  |  |
|                  |    | For >2,500 To 4,000, Add .....                                                    | 0.73  |  |
|                  |    | For >8,000 To 15,000, Deduct .....                                                | -0.28 |  |
|                  |    | For >15,000 To 25,000, Deduct .....                                               | -0.36 |  |
|                  |    | For >25,000, Deduct .....                                                         | -0.50 |  |



|  |  |                        |           |           |
|--|--|------------------------|-----------|-----------|
|  |  | <b>Concrete</b>        | <b>03</b> | <b>CS</b> |
|  |  | Cast-In-Place Concrete | 03 30     |           |
|  |  | Concrete Finishing     | 03 35     |           |

| MINOR                                                             | CSI | UOM | DESCRIPTION                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 35 43 00-0006                                                  | SF  |     | Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels .....           | 1.12                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 2.10                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 1.94                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 1.29                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.67                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.26                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.33                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.46                     |                         |
| 03 35 43 00-0007                                                  | SF  |     | Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels .....           | 1.12                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 2.10                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 1.94                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 1.29                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.67                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.26                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.33                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.46                     |                         |
| 03 35 43 00-0008                                                  | SF  |     | Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels .....           | 1.12                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 2.10                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 1.94                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 1.29                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.67                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.26                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.33                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.46                     |                         |
| 03 35 43 00-0009                                                  | SF  |     | Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels .....         | 1.12                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 2.10                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 1.94                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 1.29                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.67                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.26                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.33                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.46                     |                         |
| 03 35 43 00-0010                                                  | SF  |     | High Speed Burnish Concrete Floor With Diamond Pads .....                                   | 0.28                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 0.47                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 0.43                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 0.29                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.15                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.06                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.07                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.10                     |                         |
| 03 35 43 00-0011                                                  | SF  |     | Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing .....                       | 0.52                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 0.56                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 0.52                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 0.35                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.18                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.07                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.09                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.12                     |                         |
| 03 35 43 00-0012                                                  | SF  |     | Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing ..... | 0.90                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 0.83                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 0.77                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 0.51                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.27                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.10                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.13                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.18                     |                         |
| 03 35 43 00-0013                                                  | SF  |     | Concrete Floor Polishing Final Clean Up .....                                               | 0.15                      |                         |
|                                                                   |     |     | For Up To 500, Add                                                                          | 0.29                      |                         |
|                                                                   |     |     | For >500 To 1,000, Add                                                                      | 0.27                      |                         |
|                                                                   |     |     | For >1,000 To 2,500, Add                                                                    | 0.18                      |                         |
|                                                                   |     |     | For >2,500 To 4,000, Add                                                                    | 0.09                      |                         |
|                                                                   |     |     | For >8,000 To 15,000, Deduct                                                                | -0.04                     |                         |
|                                                                   |     |     | For >15,000 To 25,000, Deduct                                                               | -0.05                     |                         |
|                                                                   |     |     | For >25,000, Deduct                                                                         | -0.06                     |                         |
| <b>03 35 63 Slip-Resistant Floor Finishing (03 35)</b>            |     |     |                                                                                             |                           |                         |
| <b>03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)</b> |     |     |                                                                                             |                           |                         |
| 03 35 63 00-0002                                                  | SF  |     | Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF .....                                      | 1.63                      |                         |
|                                                                   |     |     | For Up To 100, Add                                                                          | 1.98                      |                         |
|                                                                   |     |     | For >100 To 250, Add                                                                        | 0.50                      |                         |
|                                                                   |     |     | For >250 To 500, Add                                                                        | 0.25                      |                         |
|                                                                   |     |     | For >5,000 To 10,000, Deduct                                                                | -0.05                     |                         |
|                                                                   |     |     | For >10,000, Deduct                                                                         | -0.10                     |                         |
| 03 35 63 00-0003                                                  | SF  |     | Silicone Carbide Abrasive Floor Finish 0.25 LB/SF .....                                     | 1.33                      |                         |
|                                                                   |     |     | For Up To 100, Add                                                                          | 1.98                      |                         |
|                                                                   |     |     | For >100 To 250, Add                                                                        | 0.50                      |                         |
|                                                                   |     |     | For >250 To 500, Add                                                                        | 0.25                      |                         |
|                                                                   |     |     | For >5,000 To 10,000, Deduct                                                                | -0.05                     |                         |
|                                                                   |     |     | For >10,000, Deduct                                                                         | -0.10                     |                         |
| <b>03 35 66 Acid Etch Floor Finishing (03 35)</b>                 |     |     |                                                                                             |                           |                         |
| <b>03 35 66 00-0001 Acid Etch Floor (03 35 66)</b>                |     |     |                                                                                             |                           |                         |

**03 Concrete****03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 35 66 00-0002        | SF  |     | Concrete Floor Finishes, Etch With Acid And Rinse .....                                                               | 0.92                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 0.94                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 0.24                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.12                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.02                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.05                     |                         |
| <b>03 35 83</b>         |     |     | <b>Concrete Wall Finishing</b> (03 35)                                                                                |                           |                         |
| <b>03 35 83 00-0001</b> |     |     | <b>Wall Finishes</b> (03 35 83)                                                                                       |                           |                         |
| 03 35 83 00-0002        | SF  |     | Burlap Rub With Grout, New Concrete Wall Finishes .....                                                               | 1.80                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 3.44                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 0.86                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.43                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.09                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.17                     |                         |
| 03 35 83 00-0003        | SF  |     | 1/16" Float Finish, New Concrete Wall Finishes .....                                                                  | 2.70                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 5.16                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 1.29                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.65                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.13                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.26                     |                         |
| 03 35 83 00-0004        | SF  |     | Etch With Acid And Rinse, New Concrete Wall Finishes .....                                                            | 1.02                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 1.14                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 0.29                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.14                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.03                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.06                     |                         |
| 03 35 83 00-0005        | SF  |     | Bush Hammer Green Concrete, New Concrete Wall Finishes .....                                                          | 5.50                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 10.92                     |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 2.73                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 1.37                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.27                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.55                     |                         |
| 03 35 83 00-0006        | SF  |     | Bush Hammer Cured Concrete, New Concrete Wall Finishes .....                                                          | 8.52                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 16.88                     |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 4.22                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 2.11                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.42                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.84                     |                         |
| 03 35 83 00-0007        | SF  |     | Break Ties And Patch, New Concrete Wall Finishes .....                                                                | 1.02                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 1.84                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 0.46                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.23                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.05                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.09                     |                         |
| 03 35 83 00-0008        | SF  |     | Carborundum Dry Rub, New Concrete Wall Finishes .....                                                                 | 3.54                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 6.88                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 1.72                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 0.86                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.17                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.34                     |                         |
| 03 35 83 00-0009        | SF  |     | Carborundum Wet Rub, New Concrete Wall Finishes .....                                                                 | 5.41                      |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 10.62                     |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 2.66                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 1.33                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.27                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.53                     |                         |
| 03 35 83 00-0010        | SF  |     | Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes .....                                      | 5.68                      |                         |
|                         |     |     | Note: 4.5 Lbs of sand or abrasive media material per SF .....                                                         |                           |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 9.16                      |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 2.29                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 1.15                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.23                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.46                     |                         |
| 03 35 83 00-0011        | SF  |     | >1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes .....                                   | 11.36                     |                         |
|                         |     |     | Note: 9 Lbs of sand abrasive media material per SF .....                                                              |                           |                         |
|                         |     |     | For Up To 100, Add .....                                                                                              | 18.34                     |                         |
|                         |     |     | For >100 To 250, Add .....                                                                                            | 4.59                      |                         |
|                         |     |     | For >250 To 500, Add .....                                                                                            | 2.29                      |                         |
|                         |     |     | For >5,000 To 10,000, Deduct .....                                                                                    | -0.46                     |                         |
|                         |     |     | For >10,000, Deduct .....                                                                                             | -0.92                     |                         |
| <b>03 37</b>            |     |     | <b>Specialty Placed Concrete</b> (03 30)                                                                              |                           |                         |
|                         |     |     | Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing. |                           |                         |
| <b>03 37 13</b>         |     |     | <b>Shotcrete</b> (03 37)                                                                                              |                           |                         |
| <b>03 37 13 00-0001</b> |     |     | <b>Shotcrete, Fiber Reinforced, Structural Repair</b> (03 37 13)                                                      |                           |                         |
| 03 37 13 00-0002        | SF  |     | 1" Thick Shotcrete, Fiber Reinforced .....                                                                            | 3.64                      |                         |
|                         |     |     | For Up To 25, Add .....                                                                                               | 0.69                      |                         |
|                         |     |     | For >25 To 50, Add .....                                                                                              | 0.40                      |                         |
|                         |     |     | For >50 To 150, Add .....                                                                                             | 0.16                      |                         |



|  |  |                           |           |           |
|--|--|---------------------------|-----------|-----------|
|  |  | <b>Concrete</b>           | <b>03</b> | <b>CS</b> |
|  |  | Cast-In-Place Concrete    | 03 30     |           |
|  |  | Specialty Placed Concrete | 03 37     |           |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | UNIT COST    |  | UNIT COST  |
| 03 37 13 00-0003 | SF 2" Thick Shotcrete, Fiber Reinforced .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6.83         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.27         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.74         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.30         |  |            |
| 03 37 13 00-0004 | SF 3" Thick Shotcrete, Fiber Reinforced .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9.65         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.76         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.01         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.40         |  |            |
| 03 37 13 00-0005 | SF 4" Thick Shotcrete, Fiber Reinforced .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12.15        |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.17         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.24         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.48         |  |            |
| 03 37 13 00-0006 | SF 6" Thick Shotcrete, Fiber Reinforced .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16.43        |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.81         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.60         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.58         |  |            |
| 03 37 13 00-0007 | Gunite (Dry Mix Shotcrete), Sprayed (03 37 13)<br>See CSI section 03 22 11 00-0001 for wire mesh reinforcing.                                                                                                                                                                                                                                                                                                                                                                                                     |              |  |            |
| 03 37 13 00-0008 | SF 1" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4.00         |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.21         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.85         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.50         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.23         |  |            |
| 03 37 13 00-0009 | SF 2" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7.39         |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.17         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.55         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.91         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.41         |  |            |
| 03 37 13 00-0010 | SF 3" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10.26        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.92         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.12         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.24         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.55         |  |            |
| 03 37 13 00-0011 | SF 4" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12.71        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.51         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.59         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.51         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.66         |  |            |
| 03 37 13 00-0012 | SF 5" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 14.78        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.94         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.96         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.73         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.74         |  |            |
| 03 37 13 00-0013 | SF 6" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16.57        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.26         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.26         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.89         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.80         |  |            |
| 03 37 13 00-0014 | SF 8" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20.66        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.12         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.98         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.31         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.96         |  |            |
| 03 37 13 00-0015 | SF 10" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24.22        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.75         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.58         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.65         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.08         |  |            |
| 03 37 13 00-0016 | SF 12" Thick Gunite (Dry Mix Shotcrete), Sprayed .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 27.34        |  |            |
|                  | For Radius Or Irregular Surface, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.21         |  |            |
|                  | For Up To 25, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5.06         |  |            |
|                  | For >25 To 50, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.92         |  |            |
|                  | For >50 To 150, Add .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.16         |  |            |
| 03 37 16         | Pumped Concrete (03 37)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |  |            |
| 03 37 16 00-0001 | Concrete Pumping With Boom Truck (03 37 16)<br>Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement. |              |  |            |
| 03 37 16 00-0002 | HR 55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                     | 255.67       |  |            |
| 03 37 16 00-0003 | HR 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                    | 277.43       |  |            |
| 03 37 16 00-0004 | HR 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                   | 356.02       |  |            |
| 03 37 16 00-0005 | HR 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 404.94       |  |            |
| 03 37 16 00-0006 | HR 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 455.43       |  |            |
| 03 37 16 00-0007 | HR 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 562.36       |  |            |
| 03 37 16 00-0008 | HR 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 626.15       |  |            |
| 03 37 16 00-0009 | HR 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating) .....                                                                                                                                                                                                                                                                                                                                                                                                                                  | 780.66       |  |            |
| 03 37 16 00-0010 | HR 35 CY/HR, 66 HP Trailer Mounted Concrete Pump .....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 180.47       |  |            |
|                  | Note: Includes hoses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |  |            |

**03 Concrete****03 30 Cast-In-Place Concrete****03 37 Specialty Placed Concrete**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**03 39 Concrete Curing** (03 30)**03 39 13 Water Concrete Curing** (03 39)**03 39 13 00-0001 Water Concrete Curing** (03 39 13)

03 39 13 00-0002 SF Water Based Curing, Sealing, Hardening And Dustproofing Compound .....0.37  
 Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.

**03 39 23 Membrane Concrete Curing** (03 39)**03 39 23 23 Sheet Membrane Concrete Curing** (03 39 23)**03 39 23 23-0001 Warm Weather Concrete Curing Blankets** (03 39 23 23)

03 39 23 23-0002 CSF Warm Weather Concrete Curing Blankets .....33.23

**03 39 23 23-0003 Cold Weather Concrete Curing Blankets** (03 39 23 23)

03 39 23 23-0004 CSF Electric, Cold Weather Concrete Curing Blanket .....309.96  
 03 39 23 23-0005 CSF Non-Electric, Cold Weather Concrete Curing Blanket .....39.92

**03 40 Precast Concrete** (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

**03 41 Precast Structural Concrete** (03 40)**03 41 16 Precast Concrete Slabs** (03 41)**03 41 16 00-0001 Flat Floor Slab/Floor Plank** (03 41 16)**03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane** (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                  |    |                                                                                    |        |        |
|------------------|----|------------------------------------------------------------------------------------|--------|--------|
| 03 41 16 00-0003 | EA | Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane..... | 362.16 | 289.75 |
| 03 41 16 00-0004 | EA | Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane..... | 402.59 | 322.02 |
| 03 41 16 00-0005 | EA | Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane..... | 427.50 | 341.97 |
| 03 41 16 00-0006 | EA | Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....  | 453.19 | 362.58 |
| 03 41 16 00-0007 | EA | Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....  | 484.99 | 387.97 |
| 03 41 16 00-0008 | EA | Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....  | 518.33 | 414.67 |
| 03 41 16 00-0009 | EA | Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....  | 556.60 | 445.25 |
| 03 41 16 00-0010 | EA | Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....  | 605.36 | 484.26 |
| 03 41 16 00-0011 | EA | Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane..... | 658.20 | 526.63 |

**03 41 16 00-0012 Material Cost** (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

|                  |    |                                                                               |       |  |
|------------------|----|-------------------------------------------------------------------------------|-------|--|
| 03 41 16 00-0013 | SF | 4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect..... | 31.32 |  |
|                  |    | For 3,500 PSI Concrete, Add                                                   | 0.63  |  |
|                  |    | For 4,000 PSI Concrete, Add                                                   | 0.94  |  |
|                  |    | For 4,500 PSI Concrete, Add                                                   | 1.25  |  |
|                  |    | For 5,000 PSI Concrete, Add                                                   | 1.88  |  |
| 03 41 16 00-0014 | SF | 5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect..... | 37.59 |  |
|                  |    | For 3,500 PSI Concrete, Add                                                   | 0.75  |  |
|                  |    | For 4,000 PSI Concrete, Add                                                   | 1.13  |  |
|                  |    | For 4,500 PSI Concrete, Add                                                   | 1.50  |  |
|                  |    | For 5,000 PSI Concrete, Add                                                   | 2.26  |  |
| 03 41 16 00-0015 | SF | 6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect..... | 45.94 |  |
|                  |    | For 3,500 PSI Concrete, Add                                                   | 0.92  |  |
|                  |    | For 4,000 PSI Concrete, Add                                                   | 1.38  |  |
|                  |    | For 4,500 PSI Concrete, Add                                                   | 1.84  |  |
|                  |    | For 5,000 PSI Concrete, Add                                                   | 2.76  |  |
| 03 41 16 00-0016 | SF | 8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect..... | 60.98 |  |
|                  |    | For 3,500 PSI Concrete, Add                                                   | 1.22  |  |
|                  |    | For 4,000 PSI Concrete, Add                                                   | 1.83  |  |
|                  |    | For 4,500 PSI Concrete, Add                                                   | 2.44  |  |
|                  |    | For 5,000 PSI Concrete, Add                                                   | 3.66  |  |

**03 41 16 00-0017 Floor Units, Combination Beam And Slab** (03 41 16)**03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane** (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                  |    |                                                                                                    |        |        |
|------------------|----|----------------------------------------------------------------------------------------------------|--------|--------|
| 03 41 16 00-0019 | EA | Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane .....   | 444.64 | 355.70 |
| 03 41 16 00-0020 | EA | Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane .....  | 484.63 | 387.75 |
| 03 41 16 00-0021 | EA | Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane ..... | 535.65 | 428.47 |
| 03 41 16 00-0022 | EA | Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane ..... | 594.78 | 475.80 |
| 03 41 16 00-0023 | EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane ..... | 668.59 | 534.82 |



|  |                                    |              |  |
|--|------------------------------------|--------------|--|
|  | <b>Concrete</b>                    | <b>03</b>    |  |
|  | <b>Precast Concrete</b>            | <b>03 40</b> |  |
|  | <b>Precast Structural Concrete</b> | <b>03 41</b> |  |

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

|                     |                                                                                                                                                                                                             |                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 03 41 16 00-0024    | <b>Erection Costs Using A 125 Ton Crawler Crane</b> (03 41 16 00-0017)<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints. |                   |
| 03 41 16 00-0025 EA | Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane .....                                                                                                              | 562.59 450.11     |
| 03 41 16 00-0026 EA | Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane .....                                                                                                              | 613.20 490.52     |
| 03 41 16 00-0027 EA | Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane .....                                                                                                             | 677.74 542.24     |
| 03 41 16 00-0028 EA | Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane .....                                                                                                             | 752.56 602.07     |
| 03 41 16 00-0029 EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane .....                                                                                                             | 845.94 676.83     |
| 03 41 16 00-0030 EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane .....                                                                                                             | 919.80 735.79     |
| 03 41 16 00-0031 EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane .....                                                                                                             | 1,016.62 813.29   |
| 03 41 16 00-0032 EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane .....                                                                                                             | 1,125.19 900.21   |
| 03 41 16 00-0033 EA | Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane .....                                                                                                             | 1,273.57 1,018.85 |

|                  |                                                                                                                                                               |  |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 03 41 16 00-0034 | <b>Material Cost</b> (03 41 16 00-0017)<br>Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation. |  |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|                     |                                                                                                  |          |
|---------------------|--------------------------------------------------------------------------------------------------|----------|
| 03 41 16 00-0035    | <b>4" Slab</b> (03 41 16 00-0034)                                                                |          |
| 03 41 16 00-0036 CY | Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....             | 3,299.46 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 65.99    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 98.98    |
|                     | For 4,500 PSI Concrete, Add                                                                      | 131.98   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 197.97   |
| 03 41 16 00-0037 CY | Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete..... | 3,341.22 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 66.82    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 100.24   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 133.65   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 200.47   |
| 03 41 16 00-0038 CY | Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete..... | 3,758.87 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 75.18    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 112.77   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 150.35   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 225.53   |

|                     |                                                                                                  |          |
|---------------------|--------------------------------------------------------------------------------------------------|----------|
| 03 41 16 00-0039    | <b>5" Slab</b> (03 41 16 00-0034)                                                                |          |
| 03 41 16 00-0040 CY | Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....             | 3,382.99 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 67.66    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 101.49   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 135.32   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 202.98   |
| 03 41 16 00-0041 CY | Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete..... | 3,508.28 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 70.17    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 105.25   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 140.33   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 210.50   |
| 03 41 16 00-0042 CY | Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete..... | 4,468.88 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 89.38    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 134.07   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 178.76   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 268.13   |

|                     |                                                                                                  |          |
|---------------------|--------------------------------------------------------------------------------------------------|----------|
| 03 41 16 00-0043    | <b>6" Slab</b> (03 41 16 00-0034)                                                                |          |
| 03 41 16 00-0044 CY | Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....             | 3,508.28 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 70.17    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 105.25   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 140.33   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 210.50   |
| 03 41 16 00-0045 CY | Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete..... | 4,176.53 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 83.53    |
|                     | For 4,000 PSI Concrete, Add                                                                      | 125.30   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 167.06   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 250.59   |
| 03 41 16 00-0046 CY | Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete..... | 5,095.36 |
|                     | For 3,500 PSI Concrete, Add                                                                      | 101.91   |
|                     | For 4,000 PSI Concrete, Add                                                                      | 152.86   |
|                     | For 4,500 PSI Concrete, Add                                                                      | 203.81   |
|                     | For 5,000 PSI Concrete, Add                                                                      | 305.72   |

**03 41 19 Precast Concrete Wall Panels** (03 41)

|                     |                                                                                                                                                                                                              |               |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 03 41 19 00-0001    | <b>Structural Wall Panels</b> (03 41 19)<br>Note: Gray, smooth form or board finish one side.                                                                                                                |               |
| 03 41 19 00-0002    | <b>Erection Cost Using 50 Ton Hydraulic Crane</b> (03 41 19 00-0001)<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints. |               |
| 03 41 19 00-0003 EA | Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....                                                                                                                            | 357.56 286.07 |
| 03 41 19 00-0004 EA | Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....                                                                                                                             | 397.47 317.93 |
| 03 41 19 00-0005 EA | Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....                                                                                                                             | 447.44 357.98 |

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 41 19 00-0006 EA Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....                                 | 478.84                    | 383.04                  |
| 03 41 19 00-0007 EA Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....                                 | 511.75                    | 409.40                  |
| 03 41 19 00-0008 EA Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....                                | 549.53                    | 439.59                  |
| 03 41 19 00-0009 EA Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....                               | 597.67                    | 478.11                  |
| 03 41 19 00-0010 EA Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....                               | 649.84                    | 519.94                  |
| <b>03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)</b>                                                  |                           |                         |
| Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints. |                           |                         |
| 03 41 19 00-0012 EA Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....                                | 399.99                    | 319.95                  |
| 03 41 19 00-0013 EA Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....                                | 444.64                    | 355.70                  |
| 03 41 19 00-0014 EA Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....                                 | 500.53                    | 400.48                  |
| 03 41 19 00-0015 EA Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....                                 | 535.65                    | 428.47                  |
| 03 41 19 00-0016 EA Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....                                 | 572.48                    | 457.98                  |
| 03 41 19 00-0017 EA Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....                                | 614.74                    | 491.82                  |
| 03 41 19 00-0018 EA Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....                               | 668.59                    | 534.82                  |
| 03 41 19 00-0019 EA Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....                               | 728.95                    | 581.51                  |
| 03 41 19 00-0020 EA Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....                               | 803.47                    | 642.83                  |
| 03 41 19 00-0021 EA Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....                               | 889.29                    | 711.39                  |
| 03 41 19 00-0022 EA Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....                               | 1,006.55                  | 805.28                  |
| 03 41 19 00-0023 EA Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....                               | 1,144.95                  | 915.96                  |
| 03 41 19 00-0024 EA Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....                               | 1,327.49                  | 1,062.01                |
| <b>03 41 19 00-0025 Material Cost (03 41 19 00-0001)</b>                                                                             |                           |                         |
| Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.                  |                           |                         |
| 03 41 19 00-0026 SF 4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....                                             | 41.76                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                          | 0.84                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                          | 1.25                      |                         |
| For 4,500 PSI Concrete, Add                                                                                                          | 1.67                      |                         |
| For 5,000 PSI Concrete, Add                                                                                                          | 2.51                      |                         |
| For White Facing, Add                                                                                                                | 8.35                      |                         |
| For Solid White Through Thickness, Add                                                                                               | 8.35                      |                         |
| For Broken Rib Finish, Add                                                                                                           | 4.18                      |                         |
| For Fluted Surface, Add                                                                                                              | 4.18                      |                         |
| For Exposed Aggregate, Add                                                                                                           | 8.35                      |                         |
| For Sandblasting Of Surface, Add                                                                                                     | 4.18                      |                         |
| For 2" Polystyrene Insulation, Add                                                                                                   | 1.81                      |                         |
| 03 41 19 00-0027 SF 5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....                                             | 51.37                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                          | 1.03                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                          | 1.54                      |                         |
| For 4,500 PSI Concrete, Add                                                                                                          | 2.05                      |                         |
| For 5,000 PSI Concrete, Add                                                                                                          | 3.08                      |                         |
| For White Facing, Add                                                                                                                | 10.27                     |                         |
| For Solid White Through Thickness, Add                                                                                               | 10.27                     |                         |
| For Broken Rib Finish, Add                                                                                                           | 5.14                      |                         |
| For Fluted Surface, Add                                                                                                              | 5.14                      |                         |
| For Exposed Aggregate, Add                                                                                                           | 10.27                     |                         |
| For Sandblasting Of Surface, Add                                                                                                     | 5.14                      |                         |
| For 2" Polystyrene Insulation, Add                                                                                                   | 1.81                      |                         |
| 03 41 19 00-0028 SF 6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....                                             | 61.81                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                          | 1.24                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                          | 1.85                      |                         |
| For 4,500 PSI Concrete, Add                                                                                                          | 2.47                      |                         |
| For 5,000 PSI Concrete, Add                                                                                                          | 3.71                      |                         |
| For White Facing, Add                                                                                                                | 12.36                     |                         |
| For Solid White Through Thickness, Add                                                                                               | 12.36                     |                         |
| For Broken Rib Finish, Add                                                                                                           | 6.18                      |                         |
| For Fluted Surface, Add                                                                                                              | 6.18                      |                         |
| For Exposed Aggregate, Add                                                                                                           | 12.36                     |                         |
| For Sandblasting Of Surface, Add                                                                                                     | 6.18                      |                         |
| For 2" Polystyrene Insulation, Add                                                                                                   | 1.81                      |                         |
| 03 41 19 00-0029 SF 8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....                                             | 81.44                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                          | 1.63                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                          | 2.44                      |                         |
| For 4,500 PSI Concrete, Add                                                                                                          | 3.26                      |                         |
| For 5,000 PSI Concrete, Add                                                                                                          | 4.89                      |                         |
| For White Facing, Add                                                                                                                | 16.29                     |                         |
| For Solid White Through Thickness, Add                                                                                               | 16.29                     |                         |
| For Broken Rib Finish, Add                                                                                                           | 8.14                      |                         |
| For Fluted Surface, Add                                                                                                              | 8.14                      |                         |
| For Exposed Aggregate, Add                                                                                                           | 16.29                     |                         |
| For Sandblasting Of Surface, Add                                                                                                     | 8.14                      |                         |
| For 2" Polystyrene Insulation, Add                                                                                                   | 1.81                      |                         |
| <b>03 41 19 00-0030 Partition Panels (03 41 19)</b>                                                                                  |                           |                         |
| <b>03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)</b>                                               |                           |                         |
| Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.    |                           |                         |
| 03 41 19 00-0032 EA Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....                             | 283.60                    | 226.84                  |
| 03 41 19 00-0033 EA Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....                             | 315.27                    | 252.25                  |





|  |                             |       |  |
|--|-----------------------------|-------|--|
|  | Concrete                    | 03    |  |
|  | Precast Concrete            | 03 40 |  |
|  | Precast Structural Concrete | 03 41 |  |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

|                  |    |                                                                                      |        |        |
|------------------|----|--------------------------------------------------------------------------------------|--------|--------|
| 03 41 19 00-0034 | EA | Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane..... | 354.89 | 283.90 |
| 03 41 19 00-0035 | EA | Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane..... | 405.90 | 324.72 |
| 03 41 19 00-0036 | EA | Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane..... | 435.88 | 348.73 |
| 03 41 19 00-0037 | EA | Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane..... | 474.06 | 379.23 |
| 03 41 19 00-0038 | EA | Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane..... | 515.43 | 412.40 |
| 03 41 19 00-0039 | EA | Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane..... | 569.69 | 455.77 |

#### 03 41 19 00-0040

#### Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

|                  |    |                                                                                        |          |        |
|------------------|----|----------------------------------------------------------------------------------------|----------|--------|
| 03 41 19 00-0041 | EA | Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....  | 357.56   | 286.07 |
| 03 41 19 00-0042 | EA | Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....   | 397.47   | 317.93 |
| 03 41 19 00-0043 | EA | Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....   | 447.44   | 357.98 |
| 03 41 19 00-0044 | EA | Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....   | 511.75   | 409.40 |
| 03 41 19 00-0045 | EA | Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....   | 549.53   | 439.59 |
| 03 41 19 00-0046 | EA | Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....   | 597.67   | 478.11 |
| 03 41 19 00-0047 | EA | Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....   | 649.84   | 519.94 |
| 03 41 19 00-0048 | EA | Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....   | 718.25   | 574.57 |
| 03 41 19 00-0049 | EA | Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....  | 794.96   | 635.99 |
| 03 41 19 00-0050 | EA | Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane..... | 899.79   | 719.78 |
| 03 41 19 00-0051 | EA | Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane..... | 1,023.51 | 818.80 |
| 03 41 19 00-0052 | EA | Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane..... | 1,186.67 | 949.30 |

#### 03 41 19 00-0053

#### Material Cost (03 41 19 00-0030)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

|                  |    |                                                                          |       |  |
|------------------|----|--------------------------------------------------------------------------|-------|--|
| 03 41 19 00-0054 | SF | 4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect..... | 39.68 |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.19  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 1.59  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 2.38  |  |
|                  |    | For White Facing, Add                                                    | 7.94  |  |
|                  |    | For Solid White Through Thickness, Add                                   | 7.94  |  |
|                  |    | For Broken Rib Finish, Add                                               | 3.97  |  |
|                  |    | For Fluted Surface, Add                                                  | 3.97  |  |
|                  |    | For Exposed Aggregate, Add                                               | 7.94  |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 3.97  |  |
| 03 41 19 00-0055 | SF | 5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect..... | 48.86 |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.47  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 1.95  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 2.93  |  |
|                  |    | For White Facing, Add                                                    | 9.77  |  |
|                  |    | For Solid White Through Thickness, Add                                   | 9.77  |  |
|                  |    | For Broken Rib Finish, Add                                               | 4.89  |  |
|                  |    | For Fluted Surface, Add                                                  | 4.89  |  |
|                  |    | For Exposed Aggregate, Add                                               | 9.77  |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 4.89  |  |
| 03 41 19 00-0056 | SF | 6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect..... | 58.47 |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.75  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 2.34  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 3.51  |  |
|                  |    | For White Facing, Add                                                    | 11.69 |  |
|                  |    | For Solid White Through Thickness, Add                                   | 11.69 |  |
|                  |    | For Broken Rib Finish, Add                                               | 5.85  |  |
|                  |    | For Fluted Surface, Add                                                  | 5.85  |  |
|                  |    | For Exposed Aggregate, Add                                               | 11.69 |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 5.85  |  |
| 03 41 19 00-0057 | SF | 8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect..... | 77.27 |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 2.32  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 3.09  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 4.64  |  |
|                  |    | For White Facing, Add                                                    | 15.45 |  |
|                  |    | For Solid White Through Thickness, Add                                   | 15.45 |  |
|                  |    | For Broken Rib Finish, Add                                               | 7.73  |  |
|                  |    | For Fluted Surface, Add                                                  | 7.73  |  |
|                  |    | For Exposed Aggregate, Add                                               | 15.45 |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 7.73  |  |

#### 03 41 19 00-0058

#### Cladding Panels (03 41 19)

#### 03 41 19 00-0059

#### Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                  |    |                                                                                  |        |        |
|------------------|----|----------------------------------------------------------------------------------|--------|--------|
| 03 41 19 00-0060 | EA | Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....  | 377.32 | 301.80 |
| 03 41 19 00-0061 | EA | Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....   | 422.07 | 337.63 |
| 03 41 19 00-0062 | EA | Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....   | 478.84 | 383.04 |
| 03 41 19 00-0063 | EA | Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....   | 511.75 | 409.40 |
| 03 41 19 00-0064 | EA | Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....   | 549.53 | 439.59 |
| 03 41 19 00-0065 | EA | Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....  | 597.67 | 478.11 |
| 03 41 19 00-0066 | EA | Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane..... | 649.84 | 519.94 |
| 03 41 19 00-0067 | EA | Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane..... | 718.25 | 574.57 |

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**03 41 19 00-0068****Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                  |    |                                                                                  |          |          |
|------------------|----|----------------------------------------------------------------------------------|----------|----------|
| 03 41 19 00-0069 | EA | Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....  | 422.11   | 337.63   |
| 03 41 19 00-0070 | EA | Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....  | 472.14   | 377.71   |
| 03 41 19 00-0071 | EA | Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....   | 535.65   | 428.47   |
| 03 41 19 00-0072 | EA | Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....   | 572.48   | 457.98   |
| 03 41 19 00-0073 | EA | Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....   | 614.74   | 491.82   |
| 03 41 19 00-0074 | EA | Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....  | 668.59   | 534.82   |
| 03 41 19 00-0075 | EA | Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane..... | 726.95   | 581.51   |
| 03 41 19 00-0076 | EA | Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane..... | 803.47   | 642.83   |
| 03 41 19 00-0077 | EA | Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane..... | 889.29   | 711.39   |
| 03 41 19 00-0078 | EA | Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane..... | 1,006.55 | 805.28   |
| 03 41 19 00-0079 | EA | Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane..... | 1,144.95 | 915.96   |
| 03 41 19 00-0080 | EA | Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane..... | 1,327.49 | 1,062.01 |

**03 41 19 00-0081****Material Cost** (03 41 19 00-0058)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

|                  |    |                                                                          |       |  |
|------------------|----|--------------------------------------------------------------------------|-------|--|
| 03 41 19 00-0082 | SF | 4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... | 39.68 |  |
|                  |    | For 3,500 PSI Concrete, Add                                              | 0.79  |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.19  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 1.59  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 2.38  |  |
|                  |    | For White Facing, Add                                                    | 7.94  |  |
|                  |    | For Solid White Through Thickness, Add                                   | 7.94  |  |
|                  |    | For Broken Rib Finish, Add                                               | 3.97  |  |
|                  |    | For Fluted Surface, Add                                                  | 3.97  |  |
|                  |    | For Exposed Aggregate, Add                                               | 7.94  |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 3.97  |  |
| 03 41 19 00-0083 | SF | 5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... | 48.86 |  |
|                  |    | For 3,500 PSI Concrete, Add                                              | 0.98  |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.47  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 1.95  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 2.93  |  |
|                  |    | For White Facing, Add                                                    | 9.77  |  |
|                  |    | For Solid White Through Thickness, Add                                   | 9.77  |  |
|                  |    | For Broken Rib Finish, Add                                               | 4.89  |  |
|                  |    | For Fluted Surface, Add                                                  | 4.89  |  |
|                  |    | For Exposed Aggregate, Add                                               | 9.77  |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 4.89  |  |
| 03 41 19 00-0084 | SF | 6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... | 58.47 |  |
|                  |    | For 3,500 PSI Concrete, Add                                              | 1.17  |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 1.75  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 2.34  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 3.51  |  |
|                  |    | For White Facing, Add                                                    | 11.69 |  |
|                  |    | For Solid White Through Thickness, Add                                   | 11.69 |  |
|                  |    | For Broken Rib Finish, Add                                               | 5.85  |  |
|                  |    | For Fluted Surface, Add                                                  | 5.85  |  |
|                  |    | For Exposed Aggregate, Add                                               | 11.69 |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 5.85  |  |
| 03 41 19 00-0085 | SF | 8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... | 77.27 |  |
|                  |    | For 3,500 PSI Concrete, Add                                              | 1.55  |  |
|                  |    | For 4,000 PSI Concrete, Add                                              | 2.32  |  |
|                  |    | For 4,500 PSI Concrete, Add                                              | 3.09  |  |
|                  |    | For 5,000 PSI Concrete, Add                                              | 4.64  |  |
|                  |    | For White Facing, Add                                                    | 15.45 |  |
|                  |    | For Solid White Through Thickness, Add                                   | 15.45 |  |
|                  |    | For Broken Rib Finish, Add                                               | 7.73  |  |
|                  |    | For Fluted Surface, Add                                                  | 7.73  |  |
|                  |    | For Exposed Aggregate, Add                                               | 15.45 |  |
|                  |    | For Sandblasting Of Surface, Add                                         | 7.73  |  |

**03 41 19 00-0086****Sandwich Panel** (03 41 19)**03 41 19 00-0087****Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                  |    |                                                                                        |        |        |
|------------------|----|----------------------------------------------------------------------------------------|--------|--------|
| 03 41 19 00-0088 | EA | Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....  | 377.32 | 301.80 |
| 03 41 19 00-0089 | EA | Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....   | 422.07 | 337.63 |
| 03 41 19 00-0090 | EA | Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....   | 478.84 | 383.04 |
| 03 41 19 00-0091 | EA | Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....   | 511.75 | 409.40 |
| 03 41 19 00-0092 | EA | Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....   | 549.53 | 439.59 |
| 03 41 19 00-0093 | EA | Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....  | 597.67 | 478.11 |
| 03 41 19 00-0094 | EA | Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane..... | 649.84 | 519.94 |
| 03 41 19 00-0095 | EA | Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane..... | 718.25 | 574.57 |

**03 41 19 00-0096****Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.



|  |                             |       |  |
|--|-----------------------------|-------|--|
|  | Concrete                    | 03    |  |
|  | Precast Concrete            | 03 40 |  |
|  | Precast Structural Concrete | 03 41 |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 41 19 00-0097 EA Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane .....  | 382.18                    | 305.69                  |
| 03 41 19 00-0098 EA Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....  | 427.50                    | 341.97                  |
| 03 41 19 00-0099 EA Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....   | 484.99                    | 387.97                  |
| 03 41 19 00-0100 EA Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....   | 518.33                    | 414.67                  |
| 03 41 19 00-0101 EA Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....   | 556.60                    | 445.25                  |
| 03 41 19 00-0102 EA Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....  | 605.36                    | 484.26                  |
| 03 41 19 00-0103 EA Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane ..... | 658.20                    | 526.63                  |
| 03 41 19 00-0104 EA Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane ..... | 727.49                    | 581.06                  |
| 03 41 19 00-0105 EA Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane ..... | 805.18                    | 644.17                  |
| 03 41 19 00-0106 EA Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane ..... | 911.36                    | 729.04                  |
| 03 41 19 00-0107 EA Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane ..... | 1,036.68                  | 829.33                  |
| 03 41 19 00-0108 EA Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane ..... | 1,201.94                  | 961.51                  |

#### 03 41 19 00-0109

#### Material Cost (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

|                                                                                               |       |  |
|-----------------------------------------------------------------------------------------------|-------|--|
| 03 41 19 00-0110 SF 4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect ..... | 54.29 |  |
| For 3,500 PSI Concrete, Add                                                                   | 1.09  |  |
| For 4,000 PSI Concrete, Add                                                                   | 1.63  |  |
| For 4,500 PSI Concrete, Add                                                                   | 2.17  |  |
| For 5,000 PSI Concrete, Add                                                                   | 3.26  |  |
| For White Facing, Add                                                                         | 10.86 |  |
| For Solid White Through Thickness, Add                                                        | 10.86 |  |
| For Broken Rib Finish, Add                                                                    | 5.43  |  |
| For Fluted Surface, Add                                                                       | 5.43  |  |
| For Exposed Aggregate, Add                                                                    | 10.86 |  |
| For Sandblasting Of Surface, Add                                                              | 5.43  |  |
| 03 41 19 00-0111 SF 5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect ..... | 63.90 |  |
| For 3,500 PSI Concrete, Add                                                                   | 1.28  |  |
| For 4,000 PSI Concrete, Add                                                                   | 1.92  |  |
| For 4,500 PSI Concrete, Add                                                                   | 2.56  |  |
| For 5,000 PSI Concrete, Add                                                                   | 3.83  |  |
| For White Facing, Add                                                                         | 12.78 |  |
| For Solid White Through Thickness, Add                                                        | 12.78 |  |
| For Broken Rib Finish, Add                                                                    | 6.39  |  |
| For Fluted Surface, Add                                                                       | 6.39  |  |
| For Exposed Aggregate, Add                                                                    | 12.78 |  |
| For Sandblasting Of Surface, Add                                                              | 6.39  |  |
| 03 41 19 00-0112 SF 6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect ..... | 74.34 |  |
| For 3,500 PSI Concrete, Add                                                                   | 1.49  |  |
| For 4,000 PSI Concrete, Add                                                                   | 2.23  |  |
| For 4,500 PSI Concrete, Add                                                                   | 2.97  |  |
| For 5,000 PSI Concrete, Add                                                                   | 4.46  |  |
| For White Facing, Add                                                                         | 14.87 |  |
| For Solid White Through Thickness, Add                                                        | 14.87 |  |
| For Broken Rib Finish, Add                                                                    | 7.43  |  |
| For Fluted Surface, Add                                                                       | 7.43  |  |
| For Exposed Aggregate, Add                                                                    | 14.87 |  |
| For Sandblasting Of Surface, Add                                                              | 7.43  |  |
| 03 41 19 00-0113 SF 8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect ..... | 93.97 |  |
| For 3,500 PSI Concrete, Add                                                                   | 1.88  |  |
| For 4,000 PSI Concrete, Add                                                                   | 2.82  |  |
| For 4,500 PSI Concrete, Add                                                                   | 3.76  |  |
| For 5,000 PSI Concrete, Add                                                                   | 5.64  |  |
| For White Facing, Add                                                                         | 18.79 |  |
| For Solid White Through Thickness, Add                                                        | 18.79 |  |
| For Broken Rib Finish, Add                                                                    | 9.40  |  |
| For Fluted Surface, Add                                                                       | 9.40  |  |
| For Exposed Aggregate, Add                                                                    | 18.79 |  |
| For Sandblasting Of Surface, Add                                                              | 9.40  |  |

#### 03 41 23

#### Precast Concrete Stairs (03 41)

#### 03 41 23 00-0001

#### Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                                                                                                    |        |        |
|----------------------------------------------------------------------------------------------------|--------|--------|
| 03 41 23 00-0002 EA Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane ..... | 397.47 | 317.93 |
| 03 41 23 00-0003 EA Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane ..... | 422.07 | 337.63 |
| 03 41 23 00-0004 EA Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane ..... | 447.44 | 357.98 |
| 03 41 23 00-0005 EA Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane ..... | 478.84 | 383.04 |
| 03 41 23 00-0006 EA Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane ..... | 511.75 | 409.40 |
| 03 41 23 00-0007 EA Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane ..... | 549.53 | 439.59 |
| 03 41 23 00-0008 EA Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane ..... | 597.67 | 478.11 |
| 03 41 23 00-0009 EA Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane ..... | 649.84 | 519.94 |

#### 03 41 23 00-0010

#### Erection Costs Using A 90 Ton Crawler Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

|                                                                                                     |        |        |
|-----------------------------------------------------------------------------------------------------|--------|--------|
| 03 41 23 00-0011 EA Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane ..... | 397.47 | 317.93 |
| 03 41 23 00-0012 EA Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane ..... | 422.07 | 337.63 |
| 03 41 23 00-0013 EA Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane ..... | 447.44 | 357.98 |

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 41 23 00-0014             | EA | Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....                                                     | 478.84                    | 383.04                  |
| 03 41 23 00-0015             | EA | Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....                                                     | 511.75                    | 409.40                  |
| 03 41 23 00-0016             | EA | Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....                                                     | 549.53                    | 439.59                  |
| 03 41 23 00-0017             | EA | Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....                                                     | 597.67                    | 478.11                  |
| 03 41 23 00-0018             | EA | Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....                                                     | 649.84                    | 519.94                  |
| 03 41 23 00-0019             |    | <b>Material Cost</b> (03 41 23)                                                                                                   |                           |                         |
|                              |    | Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.                     |                           |                         |
| 03 41 23 00-0020             | EA | 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....                                                     | 837.02                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 109.23                    |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 205.24                    |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 301.66                    |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 410.39                    |                         |
| 03 41 26                     |    | <b>Precast Concrete Structural Sections</b> (03 41)                                                                               |                           |                         |
| 03 41 26 00-0001             |    | <b>Precast Beams, Girder And Joists</b> (03 41 26)                                                                                |                           |                         |
| 03 41 26 00-0002             |    | <b>Erection Costs Using A 90 Ton Crawler Crane</b> (03 41 26 00-0001)                                                             |                           |                         |
|                              |    | Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints. |                           |                         |
| 03 41 26 00-0003             | EA | Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane .....                      | 500.53                    | 400.48                  |
| 03 41 26 00-0004             | EA | Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane .....                     | 535.65                    | 428.47                  |
| 03 41 26 00-0005             | EA | Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane .....                    | 572.48                    | 457.98                  |
| 03 41 26 00-0006             | EA | Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane .....                    | 614.74                    | 491.82                  |
| 03 41 26 00-0007             |    | <b>Erection Costs Using A 125 Ton Crawler Crane</b> (03 41 26 00-0001)                                                            |                           |                         |
|                              |    | Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints. |                           |                         |
| 03 41 26 00-0008             | EA | Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane .....                    | 633.30                    | 506.60                  |
| 03 41 26 00-0009             | EA | Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane .....                    | 677.74                    | 542.24                  |
| 03 41 26 00-0010             | EA | Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane .....                   | 724.34                    | 579.47                  |
| 03 41 26 00-0011             | EA | Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane .....                   | 777.81                    | 622.21                  |
| 03 41 26 00-0012             | EA | Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane .....                   | 845.94                    | 676.83                  |
| 03 41 26 00-0013             | EA | Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane .....                   | 919.80                    | 735.79                  |
| 03 41 26 00-0014             | EA | Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane .....                   | 1,016.62                  | 813.29                  |
| 03 41 26 00-0015             | EA | Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane .....                   | 1,125.19                  | 900.21                  |
| 03 41 26 00-0016             |    | <b>Material Cost</b> (03 41 26 00-0001)                                                                                           |                           |                         |
|                              |    | Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.              |                           |                         |
| 03 41 26 00-0017             |    | <b>1,000 LB/LF Live Load</b> (03 41 26 00-0015)                                                                                   |                           |                         |
| 03 41 26 00-0018             | LF | Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....                                                | 167.38                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 4.57                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 6.86                      |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 9.14                      |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 13.73                     |                         |
| 03 41 26 00-0019             | LF | Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....                                                | 209.22                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 5.71                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 8.58                      |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 11.42                     |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 17.16                     |                         |
| 03 41 26 00-0020             | LF | Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....                                                | 251.07                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 6.85                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 10.29                     |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 13.71                     |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 20.59                     |                         |
| 03 41 26 00-0021             |    | <b>3,000 LB/LF Live Load</b> (03 41 26 00-0016)                                                                                   |                           |                         |
| 03 41 26 00-0022             | LF | Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....                                                | 209.22                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 5.71                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 8.58                      |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 11.42                     |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 17.16                     |                         |
| 03 41 26 00-0023             | LF | Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....                                                | 251.07                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 6.85                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 10.29                     |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 13.71                     |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 20.59                     |                         |
| 03 41 26 00-0024             | LF | Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....                                                | 334.76                    |                         |
|                              |    | For 3,500 PSI Concrete, Add                                                                                                       | 9.14                      |                         |
|                              |    | For 4,000 PSI Concrete, Add                                                                                                       | 13.73                     |                         |
|                              |    | For 4,500 PSI Concrete, Add                                                                                                       | 18.28                     |                         |
|                              |    | For 5,000 PSI Concrete, Add                                                                                                       | 27.45                     |                         |
| 03 41 26 00-0025             |    | <b>5,000 LB/LF Live Load</b> (03 41 26 00-0016)                                                                                   |                           |                         |



|  |                             |       |    |
|--|-----------------------------|-------|----|
|  | Concrete                    | 03    | CS |
|  | Precast Concrete            | 03 40 |    |
|  | Precast Structural Concrete | 03 41 |    |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                       | TOTAL DIRECT<br>UNIT COST                  | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------|
| 03 41 26 00-0026 LF Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....<br>For 3,500 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add | 292.91<br>8.00<br>12.01<br>15.99<br>24.02  |                         |
| 03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....<br>For 3,500 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add | 334.76<br>9.14<br>13.73<br>18.28<br>27.45  |                         |
| 03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....<br>For 3,500 PSI Concrete, Add<br>For 4,000 PSI Concrete, Add<br>For 4,500 PSI Concrete, Add<br>For 5,000 PSI Concrete, Add | 418.45<br>11.42<br>17.16<br>22.85<br>34.31 |                         |
| 03 41 26 00-0029 Precast Concrete Columns (03 41 26)                                                                                                                                                                               |                                            |                         |
| 03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029)<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.               |                                            |                         |
| 03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....                                                                                                                      | 289.98                                     | 231.96                  |
| 03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....                                                                                                                       | 308.31                                     | 246.60                  |
| 03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....                                                                                                                       | 330.41                                     | 264.35                  |
| 03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....                                                                                                                       | 354.41                                     | 283.53                  |
| 03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....                                                                                                                      | 382.18                                     | 305.69                  |
| 03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane .....                                                                                                                     | 414.67                                     | 331.74                  |
| 03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane .....                                                                                                                     | 453.19                                     | 362.58                  |
| 03 41 26 00-0038 Material Cost (03 41 26 00-0029)<br>Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.                                                                |                                            |                         |
| 03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY .....                                                                                                                                             | 866.32                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 64.97                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 122.15                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 180.19                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 245.17                                     |                         |
| 03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY .....                                                                                                                                             | 887.72                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 66.58                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 125.17                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 184.65                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 251.22                                     |                         |
| 03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY .....                                                                                                                                             | 889.43                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 66.71                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 125.41                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 185.00                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 251.71                                     |                         |
| 03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY .....                                                                                                                                             | 889.43                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 66.71                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 125.41                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 185.00                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 251.71                                     |                         |
| 03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY .....                                                                                                                                             | 889.43                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 66.71                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 125.41                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 185.00                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 251.71                                     |                         |
| 03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |
| 03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY .....                                                                                                                                             | 887.72                                     |                         |
| For 3,500 PSI Concrete, Add                                                                                                                                                                                                        | 66.58                                      |                         |
| For 4,000 PSI Concrete, Add                                                                                                                                                                                                        | 125.17                                     |                         |
| For 4,500 PSI Concrete, Add                                                                                                                                                                                                        | 184.65                                     |                         |
| For 5,000 PSI Concrete, Add                                                                                                                                                                                                        | 251.22                                     |                         |
| 03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)                                                                                                                                                                 |                                            |                         |

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                    |        |  |
|------------------|----|--------------------------------------------------------------------|--------|--|
| 03 41 26 00-0052 | CY | 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY ..... | 889.43 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                                  | 66.71  |  |
|                  |    | For 4,000 PSI Concrete, Add .....                                  | 125.41 |  |
|                  |    | For 4,500 PSI Concrete, Add .....                                  | 185.00 |  |
|                  |    | For 5,000 PSI Concrete, Add .....                                  | 251.71 |  |

**03 41 33 Precast Structural Pretensioned Concrete (03 41)****03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)**

|                  |    |                                                                  |       |      |
|------------------|----|------------------------------------------------------------------|-------|------|
| 03 41 33 00-0002 | SF | 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor .....  | 17.77 | 2.36 |
| 03 41 33 00-0003 | SF | 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor .....  | 22.13 | 2.36 |
| 03 41 33 00-0004 | SF | 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor .....  | 26.50 | 2.48 |
| 03 41 33 00-0005 | SF | 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor ..... | 30.88 | 2.60 |

**03 41 33 00-0006 Tee Members (03 41 33)****03 41 33 00-0007 Multiple Tee, Roof And Floor (03 41 33 00-0006)**

|                  |    |                                                        |       |      |
|------------------|----|--------------------------------------------------------|-------|------|
| 03 41 33 00-0008 | SF | Prestressed Multiple Tee, Roof And Floor Members ..... | 39.85 | 3.07 |
|------------------|----|--------------------------------------------------------|-------|------|

**03 41 33 00-0009 Double Tee Wall Member (03 41 33 00-0006)**

|                  |    |                                                                       |       |      |
|------------------|----|-----------------------------------------------------------------------|-------|------|
| 03 41 33 00-0010 | SF | Prestressed Double Tee Wall Members Precast Concrete, <40' Span ..... | 56.52 | 8.38 |
|------------------|----|-----------------------------------------------------------------------|-------|------|

**03 41 33 00-0011 Single Tee, Short Span, Roof Members (03 41 33 00-0006)**

|                  |    |                                                                                   |       |      |
|------------------|----|-----------------------------------------------------------------------------------|-------|------|
| 03 41 33 00-0012 | SF | Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span ..... | 46.90 | 5.08 |
|------------------|----|-----------------------------------------------------------------------------------|-------|------|

**03 41 33 00-0013 Single Tee, Long Span, Roof Members (03 41 33 00-0006)**

|                  |    |                                                                                  |       |      |
|------------------|----|----------------------------------------------------------------------------------|-------|------|
| 03 41 33 00-0014 | SF | Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span ..... | 56.22 | 4.37 |
|------------------|----|----------------------------------------------------------------------------------|-------|------|

**03 41 33 00-0015 Prestressed Concrete Items (03 41 33)****03 41 33 00-0016 Prestressed Quad Tee (03 41 33 00-0015)**

|                  |    |                                                      |       |      |
|------------------|----|------------------------------------------------------|-------|------|
| 03 41 33 00-0017 | SF | Tees, Prestressed Quad Tee, Short Spans, Roof .....  | 28.81 | 0.95 |
| 03 41 33 00-0018 | SF | Tees, Prestressed Quad Tee, Short Spans, Floor ..... | 30.07 | 0.95 |

**03 41 33 00-0019 Prestressed Double Tee (03 41 33 00-0015)**

|                  |    |                                                      |       |      |
|------------------|----|------------------------------------------------------|-------|------|
| 03 41 33 00-0020 | SF | Tees, Double Tee, Floor Members, 60' Span .....      | 47.88 | 0.82 |
| 03 41 33 00-0021 | SF | Tees, Double Tee, Floor Members, 80' Span .....      | 65.93 | 0.82 |
| 03 41 33 00-0022 | SF | Tees, Double Tee, Roof Members, 30' Span .....       | 32.70 | 1.41 |
| 03 41 33 00-0023 | SF | Tees, Double Tee, Roof Members, 50' Span .....       | 50.62 | 0.95 |
| 03 41 33 00-0024 | SF | Tees, Double Tee, Wall Members, Up To 55' High ..... | 35.44 | 1.89 |

**03 41 33 00-0025 Prestressed Single Tee (03 41 33 00-0015)**

|                  |    |                                                |       |      |
|------------------|----|------------------------------------------------|-------|------|
| 03 41 33 00-0026 | SF | Tees, Single Tee Roof Members, 40' Span .....  | 56.70 | 2.12 |
| 03 41 33 00-0027 | SF | Tees, Single Tee Roof Members, 80' Span .....  | 65.64 | 1.30 |
| 03 41 33 00-0028 | SF | Tees, Single Tee Roof Members, 100' Span ..... | 86.83 | 1.18 |
| 03 41 33 00-0029 | SF | Tees, Single Tee Roof Members, 120' Span ..... | 91.43 | 1.18 |

**03 41 33 00-0030 Prestressed Double Tee Floor Members (03 41 33 00-0015)**

|                  |    |                                                                              |           |        |
|------------------|----|------------------------------------------------------------------------------|-----------|--------|
| 03 41 33 00-0031 | EA | Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45' .....      | 14,654.10 | 339.88 |
| 03 41 33 00-0032 | EA | Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50' .....      | 15,956.78 | 377.65 |
| 03 41 33 00-0033 | EA | Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60' .....     | 26,687.63 | 424.85 |
| 03 41 33 00-0034 | EA | Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25' .....  | 5,743.18  | 309.08 |
| 03 41 33 00-0035 | EA | Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25' .....  | 7,539.50  | 339.88 |
| 03 41 33 00-0036 | EA | Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35' .....  | 9,632.03  | 339.88 |
| 03 41 33 00-0037 | EA | Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45' .....  | 10,725.46 | 377.65 |
| 03 41 33 00-0038 | EA | Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50' .....  | 13,713.94 | 424.85 |
| 03 41 33 00-0039 | EA | Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60' ..... | 24,671.25 | 485.74 |

**03 41 33 00-0040 Prestressed Double Tee Roof Members (03 41 33 00-0015)**

|                  |    |                                                                             |           |        |
|------------------|----|-----------------------------------------------------------------------------|-----------|--------|
| 03 41 33 00-0041 | EA | Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45' .....      | 11,515.31 | 339.88 |
| 03 41 33 00-0042 | EA | Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50' .....      | 15,119.77 | 377.65 |
| 03 41 33 00-0043 | EA | Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60' .....     | 24,804.35 | 424.85 |
| 03 41 33 00-0044 | EA | Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30' .....  | 7,710.16  | 309.08 |
| 03 41 33 00-0045 | EA | Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30' .....  | 8,125.41  | 339.88 |
| 03 41 33 00-0046 | EA | Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30' .....  | 9,004.27  | 339.88 |
| 03 41 33 00-0047 | EA | Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40' .....  | 9,260.69  | 377.65 |
| 03 41 33 00-0048 | EA | Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50' .....  | 12,249.17 | 424.85 |
| 03 41 33 00-0049 | EA | Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60' ..... | 21,113.95 | 485.74 |



|                             |  |           |           |
|-----------------------------|--|-----------|-----------|
| <b>Concrete</b>             |  | <b>03</b> | <b>CS</b> |
| Precast Concrete            |  | 03 40     |           |
| Precast Structural Concrete |  | 03 41     |           |

| MINOR<br>CSI UOM DESCRIPTION                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| <b>03 41 33 00-0050 Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab</b> (03 41 33)              |                           |                         |
| 03 41 33 00-0051 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete  | 30.44                     |                         |
| 03 41 33 00-0052 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete  | 31.69                     |                         |
| 03 41 33 00-0053 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete  | 33.17                     |                         |
| 03 41 33 00-0054 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete | 34.28                     |                         |
| 03 41 33 00-0055 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete | 36.64                     |                         |
| <b>03 41 33 00-0056 Double And Single Tees</b> (03 41 33)                                                         |                           |                         |
| <b>03 41 33 00-0057 Double And Single Tees With 16" Roof And Floor Loading</b> (03 41 33 00-0056)                 |                           |                         |
| 03 41 33 00-0058 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete                 | 36.80                     |                         |
| 03 41 33 00-0059 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete                 | 35.93                     |                         |
| 03 41 33 00-0060 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete                 | 33.92                     |                         |
| 03 41 33 00-0061 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete                | 36.80                     |                         |
| 03 41 33 00-0062 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete                | 36.68                     |                         |
| 03 41 33 00-0063 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete                 | 56.39                     |                         |
| 03 41 33 00-0064 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete                 | 55.14                     |                         |
| 03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete                 | 51.63                     |                         |
| 03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete                | 56.39                     |                         |
| 03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete                | 52.88                     |                         |
| <b>03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading</b> (03 41 33 00-0056)                 |                           |                         |
| 03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete                 | 37.93                     |                         |
| 03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete                 | 37.06                     |                         |
| 03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete                 | 35.81                     |                         |
| 03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete                | 37.93                     |                         |
| 03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete                | 36.68                     |                         |
| 03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete                 | 57.89                     |                         |
| 03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete                 | 56.64                     |                         |
| 03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete                 | 54.64                     |                         |
| 03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete                | 57.89                     |                         |
| 03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete                | 56.27                     |                         |
| <b>03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading</b> (03 41 33 00-0056)                 |                           |                         |
| 03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete                    | 39.98                     |                         |
| 03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete                    | 38.72                     |                         |
| 03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete                    | 37.47                     |                         |
| 03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete                    | 61.45                     |                         |
| 03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete                    | 59.44                     |                         |
| 03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete                    | 57.06                     |                         |
| <b>03 48 Precast Concrete Specialties</b> (03 40)                                                                 |                           |                         |
| <b>03 48 16 Precast Concrete Splash Blocks</b> (03 48)                                                            |                           |                         |
| <b>03 48 16 00-0001 Precast Concrete Splash Blocks</b> (03 48 16)                                                 |                           |                         |
| 03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3"                                                | 40.08                     | 4.37                    |
| <b>03 48 21 Precast Concrete Handrails</b> (03 48)                                                                |                           |                         |
| <b>03 48 21 00-0001 Installation Cost</b> (03 48 21)                                                              |                           |                         |
| Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.            |                           |                         |
| 03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail                                                   | 161.86                    | 72.87                   |
| 03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail                                                | 194.12                    | 87.32                   |
| <b>03 48 21 00-0004 Material Cost</b> (03 48 21)                                                                  |                           |                         |
| Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.                                |                           |                         |
| 03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail                                         | 3,306.31                  |                         |
| For 3,500 PSI Concrete, Add                                                                                       | 215.74                    |                         |
| For 4,000 PSI Concrete, Add                                                                                       | 405.35                    |                         |
| For 4,500 PSI Concrete, Add                                                                                       | 595.80                    |                         |
| For 5,000 PSI Concrete, Add                                                                                       | 810.54                    |                         |
| 03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail                                         | 3,431.86                  |                         |
| For 3,500 PSI Concrete, Add                                                                                       | 223.93                    |                         |
| For 4,000 PSI Concrete, Add                                                                                       | 420.75                    |                         |
| For 4,500 PSI Concrete, Add                                                                                       | 618.42                    |                         |
| For 5,000 PSI Concrete, Add                                                                                       | 841.32                    |                         |
| 03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail                                         | 3,557.42                  |                         |
| For 3,500 PSI Concrete, Add                                                                                       | 232.12                    |                         |
| For 4,000 PSI Concrete, Add                                                                                       | 436.14                    |                         |
| For 4,500 PSI Concrete, Add                                                                                       | 641.05                    |                         |
| For 5,000 PSI Concrete, Add                                                                                       | 872.10                    |                         |

**03 Concrete****03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                             |          |  |
|------------------|----|-------------------------------------------------------------|----------|--|
| 03 48 21 00-0008 | CY | 8" Thick 3,000 PSI Concrete Precast Concrete Handrail ..... | 3,724.83 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                           | 243.05   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                           | 456.66   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                           | 671.21   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                           | 913.14   |  |

**03 48 22 Precast Concrete Sun Screen and Trellis (03 48)****03 48 22 00-0001 Sun Screen Blades (03 48 22)****03 48 22 00-0002 Installation Cost (03 48 22 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

|                  |    |                                                      |        |       |
|------------------|----|------------------------------------------------------|--------|-------|
| 03 48 22 00-0003 | EA | Install Precast Sun Screen Blade, 0-1 Ton/Each ..... | 80.93  | 36.43 |
| 03 48 22 00-0004 | EA | Install Precast Sun Screen Blade, 1-2 Ton/Each ..... | 97.23  | 43.72 |
| 03 48 22 00-0005 | EA | Install Precast Sun Screen Blade, 2-3 Ton/Each ..... | 121.49 | 54.71 |

**03 48 22 00-0006 Material Cost (03 48 22 00-0001)**

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

|                  |    |                                                             |          |  |
|------------------|----|-------------------------------------------------------------|----------|--|
| 03 48 22 00-0007 | CY | 4" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... | 3,515.57 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                           | 229.39   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                           | 431.01   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                           | 633.51   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                           | 861.84   |  |
| 03 48 22 00-0008 | CY | 5" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... | 3,641.12 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                           | 237.58   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                           | 446.40   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                           | 656.13   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                           | 892.62   |  |
| 03 48 22 00-0009 | CY | 6" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... | 3,808.53 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                           | 248.51   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                           | 466.93   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                           | 686.30   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                           | 933.66   |  |
| 03 48 22 00-0010 | CY | 8" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... | 3,975.94 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                           | 259.43   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                           | 487.45   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                           | 716.46   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                           | 974.70   |  |

**03 48 22 00-0011 Sun Screen/Trellis Units (03 48 22)****03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane (03 48 22 00-0011)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

|                  |    |                                                                                    |        |        |
|------------------|----|------------------------------------------------------------------------------------|--------|--------|
| 03 48 22 00-0013 | EA | Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane ..... | 377.32 | 169.77 |
| 03 48 22 00-0014 | EA | Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane .....  | 422.07 | 189.99 |
| 03 48 22 00-0015 | EA | Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane .....  | 478.84 | 215.45 |
| 03 48 22 00-0016 | EA | Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane .....  | 511.75 | 230.29 |

**03 48 22 00-0017 Material Cost (03 48 22 00-0011)**

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

|                  |    |                                                            |          |  |
|------------------|----|------------------------------------------------------------|----------|--|
| 03 48 22 00-0018 | CY | 4" Thick 3,000 PSI Concrete Precast Trellises Blades ..... | 4,059.64 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                          | 264.89   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                          | 497.71   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                          | 731.55   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                          | 995.22   |  |
| 03 48 22 00-0019 | CY | 5" Thick 3,000 PSI Concrete Precast Trellises Blades ..... | 4,185.20 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                          | 273.08   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                          | 513.11   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                          | 754.17   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                          | 1,026.00 |  |
| 03 48 22 00-0020 | CY | 6" Thick 3,000 PSI Concrete Precast Trellises Blades ..... | 4,352.61 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                          | 284.01   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                          | 533.63   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                          | 784.34   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                          | 1,067.04 |  |
| 03 48 22 00-0021 | CY | 8" Thick 3,000 PSI Concrete Precast Trellises Blades ..... | 4,561.87 |  |
|                  |    | For 3,500 PSI Concrete, Add .....                          | 297.66   |  |
|                  |    | For 4,000 PSI Concrete, Add .....                          | 559.29   |  |
|                  |    | For 4,500 PSI Concrete, Add .....                          | 822.05   |  |
|                  |    | For 5,000 PSI Concrete, Add .....                          | 1,118.34 |  |

**03 48 24 Precast Minaret Segments (03 48)****03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane (03 48 24)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

**03 48 24 00-0002 L - Shaped Segments (03 48 24 00-0001)**

|                  |    |                                                                                            |        |        |
|------------------|----|--------------------------------------------------------------------------------------------|--------|--------|
| 03 48 24 00-0003 | EA | Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane ..... | 367.18 | 293.75 |
| 03 48 24 00-0004 | EA | Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....  | 411.46 | 329.19 |
| 03 48 24 00-0005 | EA | Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....  | 465.23 | 372.17 |
| 03 48 24 00-0006 | EA | Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....  | 496.24 | 396.99 |





|  |                              |       |  |
|--|------------------------------|-------|--|
|  | Concrete                     | 03    |  |
|  | Precast Concrete             | 03 40 |  |
|  | Precast Concrete Specialties | 03 48 |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 48 24 00-0007 O - Shaped Segments (03 48 24 00-0001)                                                                                                                                                              |                           |                         |
| 03 48 24 00-0008 EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....                                                                                                       | 388.06                    | 310.51                  |
| 03 48 24 00-0009 EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....                                                                                                        | 435.54                    | 348.38                  |
| 03 48 24 00-0010 EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....                                                                                                        | 493.25                    | 394.56                  |
| 03 48 24 00-0011 EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....                                                                                                        | 528.26                    | 422.58                  |
| 03 48 24 00-0012 Platform Segment (03 48 24 00-0001)                                                                                                                                                                 |                           |                         |
| 03 48 24 00-0013 EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....                                                                                                     | 744.37                    | 595.55                  |
| 03 48 24 00-0014 EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....                                                                                                      | 899.79                    | 719.78                  |
| 03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....                                                                                                      | 998.54                    | 798.85                  |
| 03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....                                                                                                      | 1,121.65                  | 897.36                  |
| 03 48 24 00-0017 Cap Segment (03 48 24 00-0001)                                                                                                                                                                      |                           |                         |
| 03 48 24 00-0018 EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....                                                                                                          | 407.37                    | 325.86                  |
| 03 48 24 00-0019 EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....                                                                                                           | 454.90                    | 363.85                  |
| 03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....                                                                                                           | 518.23                    | 414.52                  |
| 03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....                                                                                                           | 553.25                    | 442.53                  |
| 03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane (03 48 24)<br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints. |                           |                         |
| 03 48 24 00-0023 L - Shaped Segments (03 48 24 00-0022)                                                                                                                                                              |                           |                         |
| 03 48 24 00-0024 EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....                                                                                                     | 371.90                    | 297.53                  |
| 03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....                                                                                                     | 416.76                    | 333.42                  |
| 03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....                                                                                                     | 471.22                    | 376.96                  |
| 03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....                                                                                                      | 502.62                    | 402.09                  |
| 03 48 24 00-0028 O - Shaped Segment (03 48 24 00-0022)                                                                                                                                                               |                           |                         |
| 03 48 24 00-0029 EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....                                                                                                     | 393.05                    | 314.50                  |
| 03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....                                                                                                     | 441.14                    | 352.86                  |
| 03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....                                                                                                     | 499.60                    | 399.63                  |
| 03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....                                                                                                      | 535.05                    | 428.01                  |
| 03 48 24 00-0033 Platform Segment (03 48 24 00-0022)                                                                                                                                                                 |                           |                         |
| 03 48 24 00-0034 EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....                                                                                                      | 600.96                    | 480.75                  |
| 03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....                                                                                                      | 727.49                    | 581.96                  |
| 03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....                                                                                                      | 805.18                    | 644.17                  |
| 03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....                                                                                                       | 911.36                    | 729.04                  |
| 03 48 24 00-0038 Cap Segment (03 48 24 00-0022)                                                                                                                                                                      |                           |                         |
| 03 48 24 00-0039 EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....                                                                                                           | 412.61                    | 330.05                  |
| 03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....                                                                                                           | 460.75                    | 368.54                  |
| 03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....                                                                                                           | 524.90                    | 419.86                  |
| 03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....                                                                                                            | 560.37                    | 448.23                  |
| 03 48 24 00-0043 Material Costs (03 48 24)<br>Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.                                                                            |                           |                         |
| 03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete .....                                                                                                                            | 10,043.92                 |                         |
| Note: Including Post Tension Cost                                                                                                                                                                                    |                           |                         |
| 03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete .....                                                                                                                            | 10,043.92                 |                         |
| Note: Including Post Tension Cost                                                                                                                                                                                    |                           |                         |
| 03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete .....                                                                                                                            | 10,043.92                 |                         |
| Note: Including Post Tension Cost                                                                                                                                                                                    |                           |                         |
| 03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete .....                                                                                                                                 | 10,043.92                 |                         |
| Note: Including Post Tension Cost                                                                                                                                                                                    |                           |                         |
| 03 48 29 Precast Accessories (03 48)<br>Note: Includes installation labor, material and equipment.                                                                                                                   |                           |                         |
| 03 48 29 00-0001 Bearing Pads For Precast Members (03 48 29)                                                                                                                                                         |                           |                         |
| 03 48 29 00-0002 Continuous 2" Wide Strips (03 48 29 00-0001)                                                                                                                                                        |                           |                         |
| 03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips .....                                                                                                                                       | 1.34                      |                         |
| Note: For precast members                                                                                                                                                                                            |                           |                         |
| 03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips .....                                                                                                                                       | 1.82                      |                         |
| Note: For precast members.                                                                                                                                                                                           |                           |                         |
| 03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips .....                                                                                                                                       | 2.85                      |                         |
| Note: For precast members                                                                                                                                                                                            |                           |                         |
| 03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips .....                                                                                                                                       | 3.93                      |                         |
| Note: For precast members                                                                                                                                                                                            |                           |                         |

**03 Concrete****03 40 Precast Concrete****03 48 Precast Concrete Specialties**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 03 48 29 00-0007             | LF | Bearing Pads, Continuous 2" Wide x 1" Thick Strips .....<br>Note: For precast members                                                                           | 5.05                      |                         |
| 03 48 29 00-0008             | LF | Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips .....<br>Note: For precast members                                                                       | 7.17                      |                         |
| 03 48 29 00-0009             |    | <b>Bearing Pad Pipe Supports (03 48 29)</b>                                                                                                                     |                           |                         |
| 03 48 29 00-0010             | LF | 8" Diameter Precast Balustrade, Decorative Shapes.....                                                                                                          | 84.40                     |                         |
| 03 48 29 00-0011             | LF | Precast Rail Cap, <1 SF Cross Section .....                                                                                                                     | 54.27                     |                         |
| 03 48 29 00-0012             | LF | 4" x 4" Precast Pipe Support.....                                                                                                                               | 10.06                     |                         |
| 03 48 46                     |    | <b>Precast Skylight Shells (03 48)</b>                                                                                                                          |                           |                         |
| 03 48 46 00-0001             |    | <b>Installation Cost Using A 90 Ton Crawler Crane (03 48 46)</b><br>Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. |                           |                         |
| 03 48 46 00-0002             | EA | Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane.....                                                                                | 535.65                    | 241.08                  |
| 03 48 46 00-0003             | EA | Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane.....                                                                                | 594.78                    | 267.66                  |
| 03 48 46 00-0004             | EA | Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane.....                                                                                | 668.59                    | 300.87                  |
| 03 48 46 00-0005             |    | <b>Material Cost (03 48 46)</b><br>Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.                                  |                           |                         |
| 03 48 46 00-0006             | CY | 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius .....                                                                                           | 4,202.06                  |                         |
| 03 48 49                     |    | <b>Precast Landings (03 48)</b>                                                                                                                                 |                           |                         |
| 03 48 49 00-0001             | SF | 3" Thick Precast Landing .....                                                                                                                                  | 105.72                    |                         |
| 03 48 49 00-0002             | SF | 4" Thick Precast Landing .....                                                                                                                                  | 123.23                    |                         |
| 03 48 49 00-0003             | SF | 5" Thick Precast Landing .....                                                                                                                                  | 140.06                    |                         |
| 03 48 49 00-0004             | SF | 6" Thick Precast Landing .....                                                                                                                                  | 161.48                    |                         |
| 03 48 54                     |    | <b>Precast Concrete Blocks (03 48)</b>                                                                                                                          |                           |                         |
| 03 48 54 00-0001             |    | <b>Precast Interlocking Concrete Blocks (03 48 54)</b><br>Note: Includes lifting loop                                                                           |                           |                         |
| 03 48 54 00-0002             | EA | 2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block .....                                                                                                | 138.19                    | 46.13                   |
| 03 48 54 00-0003             | EA | 2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block .....                                                                                                | 166.28                    | 51.89                   |
| 03 48 54 00-0004             | EA | 2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block .....                                                                                                | 194.37                    | 57.66                   |
| 03 48 54 00-0005             | EA | 2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block .....                                                                                                | 264.20                    | 63.43                   |
| 03 48 54 00-0006             | EA | 2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block .....                                                                                                | 316.75                    | 69.19                   |
| 03 50                        |    | <b>Cast Decks and Underlayment (03)</b>                                                                                                                         |                           |                         |
| 03 51                        |    | <b>Cast Roof Decks (03 50)</b>                                                                                                                                  |                           |                         |
| 03 51 13                     |    | <b>Cementitious Wood Fiber Decks (03 51)</b>                                                                                                                    |                           |                         |
| 03 51 13 00-0001             |    | <b>Cement Fiber Tongue And Groove Planks (03 51 13)</b>                                                                                                         |                           |                         |
| 03 51 13 00-0002             | SF | 1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                            | 3.36                      |                         |
| 03 51 13 00-0003             | SF | 1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                        | 3.48                      |                         |
| 03 51 13 00-0004             | SF | 2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                            | 3.65                      |                         |
| 03 51 13 00-0005             | SF | 2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                        | 4.11                      |                         |
| 03 51 13 00-0006             | SF | 3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                            | 4.61                      |                         |
| 03 51 13 00-0007             | SF | 3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                        | 5.20                      |                         |
| 03 51 13 00-0008             | SF | 4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....                                                                            | 5.90                      |                         |
| 03 51 16                     |    | <b>Gypsum Concrete Roof Decks (03 51)</b>                                                                                                                       |                           |                         |
| 03 51 16 00-0001             |    | <b>Class A Gypsum Fill Concrete Deck (03 51 16)</b>                                                                                                             |                           |                         |
| 03 51 16 00-0002             | SF | 2" Thick Precast Gypsum Fill Concrete Deck, Class A .....                                                                                                       | 11.62                     | 0.60                    |
| 03 51 16 00-0003             | SF | 2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....                                                                                                   | 14.39                     | 0.71                    |
| 03 51 16 00-0004             | SF | 3" Thick Precast Gypsum Fill Concrete Deck, Class A .....                                                                                                       | 17.19                     | 0.81                    |
| 03 51 16 00-0005             | SF | 3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....                                                                                                   | 20.01                     | 0.91                    |
| 03 51 16 00-0006             | SF | 4" Thick Precast Gypsum Fill Concrete Deck, Class A .....                                                                                                       | 22.85                     | 1.00                    |
| 03 51 16 00-0007             |    | <b>Form Board For Lightweight Deck (03 51 16)</b>                                                                                                               |                           |                         |
| 03 51 16 00-0008             | SF | Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck .....                                                                                                 | 2.55                      |                         |
| 03 51 16 00-0009             | SF | Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck .....                                                                                       | 3.48                      |                         |
| 03 51 16 00-0010             | SF | Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck .....                                                                                   | 7.45                      |                         |
| 03 51 16 00-0011             | SF | Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck .....                                                                                  | 2.85                      | 0.61                    |
| 03 51 16 00-0012             | SF | Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck .....                                                                              | 3.49                      | 0.61                    |
| 03 51 16 00-0013             | SF | Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck .....                                                                                         | 3.93                      | 0.61                    |
| 03 51 16 00-0014             | SF | Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck .....                                                                                     | 4.90                      | 0.61                    |
| 03 51 16 00-0015             |    | <b>Gypsum Plank (03 51 16)</b>                                                                                                                                  |                           |                         |



|  |  |                             |           |           |
|--|--|-----------------------------|-----------|-----------|
|  |  | <b>Concrete</b>             | <b>03</b> | <b>CS</b> |
|  |  | Cast Decks and Underlayment | 03 50     |           |
|  |  | Cast Roof Decks             | 03 51     |           |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|-----|-----|-------------|---------------------------|-------------------------|
|-------|-----|-----|-------------|---------------------------|-------------------------|

|                  |    |                                                       |      |  |
|------------------|----|-------------------------------------------------------|------|--|
| 03 51 16 00-0016 | SF | 2" Thick, Insulating Concrete Gypsum Plank, Roof Deck | 3.61 |  |
| 03 51 16 00-0017 | SF | 3" Thick, Insulating Concrete Gypsum Plank, Roof Deck | 4.68 |  |

### 03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

#### 03 53 14 Granolithic Concrete Topping (03 53)

##### 03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)

Note: Using 1:1:1-1/2 mix.

|                  |    |                                                                           |      |  |
|------------------|----|---------------------------------------------------------------------------|------|--|
| 03 53 14 00-0002 | SF | 1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix | 4.46 |  |
| 03 53 14 00-0003 | SF | 1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix   | 4.77 |  |
| 03 53 14 00-0004 | SF | 2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix   | 5.91 |  |

#### 03 53 19 Concrete Overlayment (03 53)

##### 03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)

Note: Using 1:1:2 mix.

|                  |    |                                                               |      |  |
|------------------|----|---------------------------------------------------------------|------|--|
| 03 53 19 00-0002 | SF | 3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix  | 2.64 |  |
| 03 53 19 00-0003 | SF | 1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix   | 2.93 |  |
| 03 53 19 00-0004 | SF | 3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix   | 3.40 |  |
| 03 53 19 00-0005 | SF | 1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix     | 4.01 |  |
| 03 53 19 00-0006 | SF | 2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix     | 5.59 |  |
| 03 53 19 00-0007 | SF | 2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix | 4.65 |  |
| 03 53 19 00-0008 | SF | 3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix     | 5.16 |  |

### 03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

#### 03 54 16 Hydraulic Cement Underlayment (03 54)

##### 03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)

Note: Includes primer.

|                                     |    |                                                                 |       |  |
|-------------------------------------|----|-----------------------------------------------------------------|-------|--|
| 03 54 16 00-0002                    | SF | 1/8" Thick Self Leveling Cementitious Underlayment For Floors   | 1.51  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.15  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.07  |  |
| 03 54 16 00-0003                    | SF | 1/4" Thick Self Leveling Cementitious Underlayment For Floors   | 2.51  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.15  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.07  |  |
| 03 54 16 00-0004                    | SF | 3/8" Thick Self Leveling Cementitious Underlayment For Floors   | 3.18  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.15  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.07  |  |
| 03 54 16 00-0005                    | SF | 1/2" Thick Self Leveling Cementitious Underlayment For Floors   | 4.52  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.15  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.07  |  |
| 03 54 16 00-0006                    | SF | 5/8" Thick Self Leveling Cementitious Underlayment For Floors   | 5.32  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.15  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.07  |  |
| 03 54 16 00-0007                    | SF | 3/4" Thick Self Leveling Cementitious Underlayment For Floors   | 6.56  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.17  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.08  |  |
| 03 54 16 00-0008                    | SF | 1" Thick Self Leveling Cementitious Underlayment For Floors     | 8.56  |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.17  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.08  |  |
| 03 54 16 00-0009                    | SF | 1-1/4" Thick Self Leveling Cementitious Underlayment For Floors | 11.27 |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.19  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.10  |  |
| 03 54 16 00-0010                    | SF | 1-1/2" Thick Self Leveling Cementitious Underlayment For Floors | 12.62 |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.19  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.10  |  |
| 03 54 16 00-0011                    | SF | 1-3/4" Thick Self Leveling Cementitious Underlayment For Floors | 16.72 |  |
| Note: Including Surface Preparation |    |                                                                 |       |  |
| For Up To 100 SF, Add               |    |                                                                 | 0.24  |  |
| For >100 To 250 SF, Add             |    |                                                                 | 0.12  |  |

### 03 60 Grouting (03)

#### 03 61 Cementitious Grouting (03 60)

Note: 1 part cement to 3 parts sand by volume.

##### 03 61 16 Cementitious Flowable Grout (03 61)

|    |       |                       |
|----|-------|-----------------------|
| 03 | 03    | Concrete              |
|    | 03 60 | Grouting              |
|    | 03 61 | Cementitious Grouting |



| MINOR<br>CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------|-----|-------------|---------------------------|-------------------------|
|--------------|-----|-------------|---------------------------|-------------------------|

|                  |    |                                        |        |  |
|------------------|----|----------------------------------------|--------|--|
| 03 61 16 00-0001 |    | Cementitious Flowable Grout (03 61 16) |        |  |
| 03 61 16 00-0002 | CY | Cementitious Flowable Grout.....       | 421.23 |  |

**03 62 Non-Shrink Grouting** (03 60)

|                  |    |                                                                   |       |  |
|------------------|----|-------------------------------------------------------------------|-------|--|
| 03 62 13         |    | <b>Non-Metallic Non-Shrink Grouting</b> (03 62)                   |       |  |
| 03 62 13 00-0001 |    | Fluid Type, Non-Metallic Non-Shrink Grouting For Bases (03 62 13) |       |  |
| 03 62 13 00-0002 | SF | 1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases..... | 25.23 |  |
| 03 62 13 00-0003 | SF | 2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases..... | 36.54 |  |

|                  |    |                                                       |       |  |
|------------------|----|-------------------------------------------------------|-------|--|
| 03 62 13 00-0004 |    | Non-Metallic Non-Shrink Grouting For Bases (03 62 13) |       |  |
| 03 62 13 00-0005 | SF | 1" Deep, Non-Metallic Non-Shrink Grout For Bases..... | 38.28 |  |
| 03 62 13 00-0006 | SF | 2" Deep, Non-Metallic Non-Shrink Grout For Bases..... | 60.33 |  |

|                  |    |                                                                                   |      |  |
|------------------|----|-----------------------------------------------------------------------------------|------|--|
| 03 62 13 00-0007 |    | Non-Metallic Non-Shrink Grouting For Joints (03 62 13)                            |      |  |
| 03 62 13 00-0008 |    | 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007) |      |  |
| 03 62 13 00-0009 | LF | 4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 2.15 |  |
| 03 62 13 00-0010 | LF | 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 2.79 |  |
| 03 62 13 00-0011 | LF | 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 3.70 |  |

|                  |    |                                                                                 |      |  |
|------------------|----|---------------------------------------------------------------------------------|------|--|
| 03 62 13 00-0012 |    | 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007) |      |  |
| 03 62 13 00-0013 | LF | 4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 3.11 |  |
| 03 62 13 00-0014 | LF | 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 4.11 |  |
| 03 62 13 00-0015 | LF | 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....               | 5.45 |  |

**03 62 16 Metallic Non-Shrink Grouting** (03 62)

|                  |    |                                                   |       |  |
|------------------|----|---------------------------------------------------|-------|--|
| 03 62 16 00-0001 |    | Metallic Non-Shrink Grouting For Bases (03 62 16) |       |  |
| 03 62 16 00-0002 | SF | 1" Deep, Metallic Non-Shrink Grout For Bases..... | 33.18 |  |
| 03 62 16 00-0003 | SF | 2" Deep, Metallic Non-Shrink Grout For Bases..... | 50.45 |  |

|                  |    |                                                                               |      |  |
|------------------|----|-------------------------------------------------------------------------------|------|--|
| 03 62 16 00-0004 |    | Metallic Non-Shrink Grouting For Joints (03 62 16)                            |      |  |
| 03 62 16 00-0005 |    | 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004) |      |  |
| 03 62 16 00-0006 | LF | 4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....               | 1.83 |  |
| 03 62 16 00-0007 | LF | 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....               | 2.31 |  |
| 03 62 16 00-0008 | LF | 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....               | 3.08 |  |

|                  |    |                                                                             |      |  |
|------------------|----|-----------------------------------------------------------------------------|------|--|
| 03 62 16 00-0009 |    | 1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004) |      |  |
| 03 62 16 00-0010 | LF | 4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....               | 2.49 |  |
| 03 62 16 00-0011 | LF | 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....               | 3.14 |  |
| 03 62 16 00-0012 | LF | 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....               | 4.19 |  |

**03 63 Epoxy Grouting** (03 60)

|                  |    |                                                    |       |  |
|------------------|----|----------------------------------------------------|-------|--|
| 03 63 00 00-0001 |    | Spray On Concrete Epoxy Grout (03 63)              |       |  |
|                  |    | Note: (Sika 224) per thickness per coat.           |       |  |
| 03 63 00 00-0002 | SF | 1/4" Thick Coat Spray On Concrete Epoxy Grout..... | 4.23  |  |
|                  |    | For Color, Add.....                                | 1.10  |  |
| 03 63 00 00-0003 | SF | 3/8" Thick Coat Spray On Concrete Epoxy Grout..... | 5.86  |  |
|                  |    | For Color, Add.....                                | 1.65  |  |
| 03 63 00 00-0004 | SF | 1/2" Thick Coat Spray On Concrete Epoxy Grout..... | 7.50  |  |
|                  |    | For Color, Add.....                                | 2.20  |  |
| 03 63 00 00-0005 | SF | 5/8" Thick Coat Spray On Concrete Epoxy Grout..... | 8.97  |  |
|                  |    | For Color, Add.....                                | 2.76  |  |
| 03 63 00 00-0006 | SF | 3/4" Thick Coat Spray On Concrete Epoxy Grout..... | 10.47 |  |
|                  |    | For Color, Add.....                                | 3.31  |  |
| 03 63 00 00-0007 | SF | 1" Thick Coat Spray On Concrete Epoxy Grout.....   | 13.54 |  |
|                  |    | For Color, Add.....                                | 4.42  |  |

**03 64 Injection Grouting** (03 60)

Note: By volume of void filled. Includes injection ports.

**03 64 23 Epoxy Injection Grouting** (03 64)

|                  |    |                                          |          |  |
|------------------|----|------------------------------------------|----------|--|
| 03 64 23 00-0001 |    | Pressure Injected Epoxy Grout (03 64 23) |          |  |
| 03 64 23 00-0002 | CF | Pressure Injected Epoxy Grout.....       | 1,339.53 |  |
|                  |    | For >4, Deduct.....                      | -141.43  |  |



|  |  |                    |       |    |
|--|--|--------------------|-------|----|
|  |  | Concrete           | 03    | 03 |
|  |  | Grouting           | 03 60 |    |
|  |  | Injection Grouting | 03 64 |    |

| MINOR            |                                                     | TOTAL DIRECT |        | DEMOLITION |
|------------------|-----------------------------------------------------|--------------|--------|------------|
| CSI              | UOM DESCRIPTION                                     | UNIT COST    |        | UNIT COST  |
| 03 64 26         | Cementitious Injection Grouting (03 64)             |              |        |            |
| 03 64 26 00-0001 | Pressure Injected Cementitious Grout (03 64 26)     |              |        |            |
| 03 64 26 00-0002 | CF Pressure Injected Cementitious Grout.....        |              | 236.51 |            |
|                  | For >4, Deduct                                      |              | -60.68 |            |
| 03 80            | Concrete Cutting and Boring (03)                    |              |        |            |
| 03 81            | Concrete Cutting (03 80)                            |              |        |            |
| 03 81 13         | Flat Concrete Sawing (03 81)                        |              |        |            |
|                  | See CSI section 02 41 19 13-0059 for saw cutting.   |              |        |            |
| 03 81 16         | Track Mounted Concrete Wall Sawing (03 81)          |              |        |            |
|                  | See CSI section 02 41 19 13-0059 for saw cutting.   |              |        |            |
| 03 82            | Concrete Boring (03 80)                             |              |        |            |
| 03 82 13         | Concrete Core Drilling (03 82)                      |              |        |            |
|                  | See CSI section 02 41 19 13-0082 for core drilling. |              |        |            |

END OF SECTION 03

|    |       |                             |
|----|-------|-----------------------------|
| 03 | 03    | Concrete                    |
|    | 03 80 | Concrete Cutting and Boring |
|    | 03 82 | Concrete Boring             |



| MINOR |     |             | TOTAL DIRECT |  | DEMOLITION |
|-------|-----|-------------|--------------|--|------------|
| CSI   | UOM | DESCRIPTION | UNIT COST    |  | UNIT COST  |

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| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 04 Masonry

### 04 01 Maintenance of Masonry (04)

#### 04 01 20 Maintenance of Unit Masonry (04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

##### 04 01 20 41 Unit Masonry Stabilization (04 01 20)

04 01 20 41-0001 Masonry Repair (Helifix®) (04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 20.72  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 29.85  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 39.76  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 22.70  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 33.36  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) ..... 45.03  
For Up To 10, Add ..... 9.10  
For >10 To 50, Add ..... 4.55

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 55.48  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 60.67  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 180.97  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 55.48  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 60.67  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 66.57  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 77.65  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) ..... 180.97  
For Up To 10, Add ..... 36.40  
For >10 To 50, Add ..... 18.20

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks  
(Helifix® Helibar) (04 01 20 41-0011)**

|                  |    |                                                                                                                   |        |
|------------------|----|-------------------------------------------------------------------------------------------------------------------|--------|
| 04 01 20 41-0022 | EA | 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)   | 58.31  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0023 | EA | 4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) | 64.43  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0024 | EA | 4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)   | 204.49 |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0025 | EA | 6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)     | 58.31  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0026 | EA | 6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)   | 64.43  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0027 | EA | 6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)   | 71.27  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0028 | EA | 6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)     | 84.24  |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |
| 04 01 20 41-0029 | EA | 6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)     | 204.49 |
|                  |    | For Up To 10, Add                                                                                                 | 36.40  |
|                  |    | For >10 To 50, Add                                                                                                | 18.20  |

**04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)**

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

**04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)**

|                  |    |                                                                                                                  |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------|-------|
| 04 01 20 41-0032 | EA | 4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 10.47 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0033 | EA | 5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 11.40 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0034 | EA | 6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 12.33 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0035 | EA | 7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 13.26 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0036 | EA | 8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 14.19 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0037 | EA | 9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)   | 15.11 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0038 | EA | 4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)  | 10.47 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0039 | EA | 5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)  | 11.40 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0040 | EA | 6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)  | 12.33 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0041 | EA | 7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)  | 13.26 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0042 | EA | 8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)  | 14.19 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0043 | EA | 10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix) | 16.04 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0044 | EA | 4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)                                       | 10.47 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0045 | EA | 6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)                                       | 12.33 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |
| 04 01 20 41-0046 | EA | 8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)                                           | 13.72 |
|                  |    | For Up To 10, Add                                                                                                | 5.46  |
|                  |    | For >10 To 50, Add                                                                                               | 2.73  |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 01 20 41-0047 |     |     | 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)                                                                                         |                        |                      |
| 04 01 20 41-0048 | EA  |     | 4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 10.47                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0049 | EA  |     | 5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 11.40                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0050 | EA  |     | 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 12.33                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0051 | EA  |     | 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 13.26                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0052 | EA  |     | 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 14.19                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0053 | EA  |     | 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                          | 15.11                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0054 | EA  |     | 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                         | 10.47                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0055 | EA  |     | 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                         | 11.40                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0056 | EA  |     | 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                         | 12.33                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0057 | EA  |     | 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                         | 13.26                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0058 | EA  |     | 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                         | 14.19                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0059 | EA  |     | 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....                                                        | 16.04                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0060 | EA  |     | 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....                                                                                              | 10.47                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0061 | EA  |     | 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....                                                                                              | 12.33                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0062 | EA  |     | 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....                                                                                                  | 13.72                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
| 04 01 20 41-0063 |     |     | Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001)                                                                                       |                        |                      |
|                  |     |     | Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface. |                        |                      |
| 04 01 20 41-0064 |     |     | 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)                                                      |                        |                      |
| 04 01 20 41-0065 | EA  |     | 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                                        | 8.28                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                     | 2.31                   |                      |
| 04 01 20 41-0066 | EA  |     | 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                                        | 8.62                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                     | 2.31                   |                      |
| 04 01 20 41-0067 | EA  |     | 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                                        | 8.68                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                     | 2.31                   |                      |
| 04 01 20 41-0068 | EA  |     | 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                                        | 8.82                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                            | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                           | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                     | 2.31                   |                      |

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                                   |       |  |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 04 01 20 41-0069 | EA | 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 9.06  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0070 | EA | 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 9.27  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0071 | EA | 8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 9.37  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0072 | EA | 8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 9.50  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0073 | EA | 8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 10.09 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0074 | EA | 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 10.18 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0075 | EA | 8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 10.89 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0076 | EA | 8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 11.50 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0077 | EA | 8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 12.02 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0078 | EA | 8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 13.84 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0079 | EA | 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 15.46 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0080 | EA | 8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)  | 17.62 |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0081 | EA | 10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.40  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0082 | EA | 10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 8.76  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0083 | EA | 10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.08  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0084 | EA | 10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.37  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |
| 04 01 20 41-0085 | EA | 10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) | 9.56  |  |
|                  |    | For Up To 10, Add                                                                                                                 | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                          | 2.31  |  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 01 20 41-0086 | EA  |     | 10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 9.69                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0087 | EA  |     | 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 9.90                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0088 | EA  |     | 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 9.99                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0089 | EA  |     | 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 10.41                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0090 | EA  |     | 10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 11.01                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0091 | EA  |     | 10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 11.51                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0092 | EA  |     | 10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 12.15                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0093 | EA  |     | 10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 15.57                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0094 | EA  |     | 10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 17.48                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0095 | EA  |     | 10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....                            | 20.45                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0096 | EA  |     | 8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 9.18                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0097 | EA  |     | 8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 9.39                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0098 | EA  |     | 8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 9.53                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0099 | EA  |     | 8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 9.63                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0100 | EA  |     | 8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 9.93                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0101 | EA  |     | 8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 10.40                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |
| 04 01 20 41-0102 | EA  |     | 8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)..... | 10.58                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                 | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                          | 2.31                   |                      |

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 01 20 41-0103 | EA  |     | 8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....      | 11.05                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0104 | EA  |     | 10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 9.73                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0105 | EA  |     | 10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 10.14                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0106 | EA  |     | 10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 10.43                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0107 | EA  |     | 10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 10.61                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0108 | EA  |     | 10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 10.74                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0109 | EA  |     | 10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....       | 11.05                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0110 | EA  |     | 304 Stainless Steel, Seismic Connector (Helifix® DryFix®) .....                                                                                                         | 4.41                      |                         |
|                  |     |     | Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire. |                           |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 2.73                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 1.37                      |                         |
| 04 01 20 41-0111 |     |     | <b>316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> (04 01 20 41-0063)                                          |                           |                         |
| 04 01 20 41-0112 | EA  |     | 8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 8.81                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0113 | EA  |     | 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 9.23                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0114 | EA  |     | 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 9.31                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0115 | EA  |     | 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 9.48                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0116 | EA  |     | 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 9.79                      |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0117 | EA  |     | 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 10.04                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0118 | EA  |     | 8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 10.17                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |
| 04 01 20 41-0119 | EA  |     | 8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....                                  | 10.34                     |                         |
|                  |     |     | For Up To 10, Add .....                                                                                                                                                 | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add .....                                                                                                                                                | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add .....                                                                                                                                          | 2.31                      |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 01 20 41-0120 | EA  |     | 8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 10.95                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0121 | EA  |     | 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 11.06                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0122 | EA  |     | 8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 11.95                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0123 | EA  |     | 8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 12.70                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0124 | EA  |     | 8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 13.36                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0125 | EA  |     | 8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 15.63                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0126 | EA  |     | 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 17.48                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0127 | EA  |     | 8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....  | 20.17                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0128 | EA  |     | 10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 9.03                      |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0129 | EA  |     | 10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 9.44                      |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0130 | EA  |     | 10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 9.84                      |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0131 | EA  |     | 10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 10.21                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0132 | EA  |     | 10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 10.44                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0133 | EA  |     | 10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 10.60                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0134 | EA  |     | 10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 10.87                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0135 | EA  |     | 10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 10.98                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |
| 04 01 20 41-0136 | EA  |     | 10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)..... | 11.47                     |                         |
|                  |     |     | For Up To 10, Add                                                                                                                      | 5.46                      |                         |
|                  |     |     | For >10 To 50, Add                                                                                                                     | 2.73                      |                         |
|                  |     |     | For Metal Stud Clip, Add                                                                                                               | 2.31                      |                         |

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                                                              |       |  |
|------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 04 01 20 41-0137 | EA | 10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 12.15 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0138 | EA | 10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 12.77 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0139 | EA | 10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 13.56 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0140 | EA | 10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 17.83 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0141 | EA | 10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 19.88 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0142 | EA | 10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)                            | 23.60 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0143 | EA | 8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.02 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0144 | EA | 8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.26 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0145 | EA | 8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.42 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0146 | EA | 8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.55 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0147 | EA | 8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 10.92 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0148 | EA | 8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 11.52 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0149 | EA | 8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 11.71 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0150 | EA | 8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) | 12.30 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0151 | EA | 10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)  | 10.62 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0152 | EA | 10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)  | 11.13 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |
| 04 01 20 41-0153 | EA | 10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)  | 11.50 |  |
|                  |    | For Up To 10, Add                                                                                                                                            | 5.46  |  |
|                  |    | For >10 To 50, Add                                                                                                                                           | 2.73  |  |
|                  |    | For Metal Stud Clip, Add                                                                                                                                     | 2.31  |  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 01 20 41-0154 | EA  |     | 10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....               | 11.73                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                       | 2.31                   |                      |
| 04 01 20 41-0155 | EA  |     | 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....               | 11.89                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                       | 2.31                   |                      |
| 04 01 20 41-0156 | EA  |     | 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....               | 12.27                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
|                  |     |     | For Metal Stud Clip, Add                                                                                                                                                       | 2.31                   |                      |
| 04 01 20 41-0157 | EA  |     | 316 Stainless Steel, Seismic Connector (Helifix® DryFix®).....                                                                                                                 | 4.82                   |                      |
|                  |     |     | Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.        |                        |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 2.73                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 1.37                   |                      |
| 04 01 20 41-0158 |     |     | <b>Concrete Patching Pins (Helifix® PatchPin)</b> (04 01 20 41-0001)                                                                                                           |                        |                      |
|                  |     |     | Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.                                                               |                        |                      |
| 04 01 20 41-0159 |     |     | <b>304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>                                                                                             |                        |                      |
|                  |     |     | (04 01 20 41-0158)                                                                                                                                                             |                        |                      |
| 04 01 20 41-0160 | EA  |     | 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....                                                                     | 6.99                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
| 04 01 20 41-0161 | EA  |     | 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....                                                                    | 7.03                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
| 04 01 20 41-0162 |     |     | <b>316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>                                                                                             |                        |                      |
|                  |     |     | (04 01 20 41-0158)                                                                                                                                                             |                        |                      |
| 04 01 20 41-0163 | EA  |     | 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....                                                                     | 7.27                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
| 04 01 20 41-0164 | EA  |     | 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....                                                                    | 7.34                   |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 5.46                   |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 2.73                   |                      |
| 04 01 20 41-0165 |     |     | <b>Movement Joint Ties (Helifix® Movement Joint Tie)</b> (04 01 20 41-0001)                                                                                                    |                        |                      |
|                  |     |     | Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. |                        |                      |
| 04 01 20 41-0166 |     |     | <b>304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie)</b> (04 01 20 41-0165)                                                                   |                        |                      |
| 04 01 20 41-0167 | EA  |     | 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....                                         | 45.13                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 36.40                  |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 18.20                  |                      |
| 04 01 20 41-0168 |     |     | <b>316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie)</b> (04 01 20 41-0165)                                                                   |                        |                      |
| 04 01 20 41-0169 | EA  |     | 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....                                         | 46.43                  |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                              | 36.40                  |                      |
|                  |     |     | For >10 To 50, Add                                                                                                                                                             | 18.20                  |                      |
| 04 01 20 41-0170 |     |     | <b>Unit Masonry Stabilization</b> (04 01 20 41)                                                                                                                                |                        |                      |
| 04 01 20 41-0171 |     |     | <b>Repair Bulging Or Loose Masonry</b> (04 01 20 41-0170)                                                                                                                      |                        |                      |
| 04 01 20 41-0172 | SF  |     | Repair Bulging Or Loose Masonry Using Existing Masonry.....                                                                                                                    | 82.22                  |                      |
|                  |     |     | Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.                                                             |                        |                      |
| 04 01 20 41-0173 | SF  |     | Repair Bulging Or Loose Masonry Using New Masonry.....                                                                                                                         | 88.00                  |                      |
|                  |     |     | Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.                                                           |                        |                      |
| 04 01 20 51      |     |     | <b>Unit Masonry Maintenance</b> (04 01 20)                                                                                                                                     |                        |                      |
| 04 01 20 51-0001 |     |     | <b>Grind Unit Masonry</b> (04 01 20 51)                                                                                                                                        |                        |                      |
| 04 01 20 51-0002 | SF  |     | Grind Smooth Masonry Wall.....                                                                                                                                                 | 3.87                   |                      |
| 04 01 20 91      |     |     | <b>Unit Masonry Restoration</b> (04 01 20)                                                                                                                                     |                        |                      |
|                  |     |     | See CSI section 03 01 30 71-0123 for crack repair.                                                                                                                             |                        |                      |

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                          |        |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|
| 04 01 20 91-0001 | <b>Cut And Repoint Masonry</b> (04 01 20 91)<br>Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint. |        |  |
| 04 01 20 91-0002 | SF Cut And Repoint, Hard Mortar, Running Bond, Brick.....                                                                                                                                | 9.07   |  |
|                  | For Common Bond, Add.....                                                                                                                                                                | 0.34   |  |
|                  | For Flemish Bond, Add.....                                                                                                                                                               | 1.19   |  |
|                  | For English Bond, Add.....                                                                                                                                                               | 1.96   |  |
|                  | For Oversized Or Larger Than Standard, Deduct.....                                                                                                                                       | -1.36  |  |
|                  | For Historical Restoration, Add.....                                                                                                                                                     | 1.71   |  |
|                  | For >250 To 1,000, Deduct.....                                                                                                                                                           | -0.43  |  |
|                  | For >1,000, Deduct.....                                                                                                                                                                  | -0.88  |  |
| 04 01 20 91-0003 | SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick.....                                                                                                            | 6.33   |  |
|                  | For Common Bond, Add.....                                                                                                                                                                | 0.23   |  |
|                  | For Flemish Bond, Add.....                                                                                                                                                               | 0.81   |  |
|                  | For English Bond, Add.....                                                                                                                                                               | 1.33   |  |
|                  | For Oversized Or Larger Than Standard, Deduct.....                                                                                                                                       | -0.95  |  |
|                  | For Historical Restoration, Add.....                                                                                                                                                     | 1.16   |  |
|                  | For >250 To 1,000, Deduct.....                                                                                                                                                           | -0.29  |  |
|                  | For >1,000, Deduct.....                                                                                                                                                                  | -0.61  |  |
| 04 01 20 91-0004 | SF Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....                                                                                                                       | 4.90   |  |
|                  | For Common Bond, Add.....                                                                                                                                                                | 0.17   |  |
|                  | For Oversized Or Larger Than Standard, Deduct.....                                                                                                                                       | -0.74  |  |
|                  | For Historical Restoration, Add.....                                                                                                                                                     | 0.87   |  |
|                  | For >250 To 1,000, Deduct.....                                                                                                                                                           | -0.22  |  |
|                  | For >1,000, Deduct.....                                                                                                                                                                  | -0.46  |  |
| 04 01 20 91-0005 | SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block.....                                                                                                   | 3.51   |  |
|                  | For Common Bond, Add.....                                                                                                                                                                | 0.12   |  |
|                  | For Oversized Or Larger Than Standard, Deduct.....                                                                                                                                       | -0.53  |  |
|                  | For Historical Restoration, Add.....                                                                                                                                                     | 0.59   |  |
|                  | For >250 To 1,000, Deduct.....                                                                                                                                                           | -0.15  |  |
|                  | For >1,000, Deduct.....                                                                                                                                                                  | -0.32  |  |
| 04 01 20 91-0006 | LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....                                                                                                    | 2.81   |  |
| 04 01 20 91-0007 | <b>Repair Masonry</b> (04 01 20 91)<br>Note: Includes mortar for repair.                                                                                                                 |        |  |
| 04 01 20 91-0008 | SF Patch And Repair Terra Cotta Walls Or Coping.....                                                                                                                                     | 20.02  |  |
|                  | Note: Including Replacement Of Damaged Material                                                                                                                                          |        |  |
| 04 01 20 91-0009 | SF Patch And Repair Terra Cotta Floors.....                                                                                                                                              | 18.66  |  |
|                  | Note: Including Replacement Of Damaged Material                                                                                                                                          |        |  |
| 04 01 20 91-0010 | LF Chip And Repair With Masonry Patch, Cracks Up To 1/4".....                                                                                                                            | 4.18   |  |
| 04 01 20 91-0011 | SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....                                                                                                     | 6.79   |  |
| 04 01 20 91-0012 | EA Cutout Individual Damaged Brick And Replace With New Brick.....                                                                                                                       | 14.54  |  |
| 04 01 20 91-0013 | LF Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base).....                                                                             | 336.87 |  |
| 04 01 20 91-0014 | LF Pressure Grout Block/Brick Master Builders RHEOCHEM 900 (Portland Cement Base).....                                                                                                   | 96.11  |  |
| 04 01 20 91-0015 | LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570).....                  | 36.55  |  |
|                  | For Cracks Accessible From Both Sides, Add.....                                                                                                                                          | 7.42   |  |
| 04 01 20 91-0016 | LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....    | 32.39  |  |
|                  | For Cracks Accessible From Both Sides, Add.....                                                                                                                                          | 7.42   |  |
| 04 01 20 91-0017 | LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....              | 8.89   |  |
|                  | For V-Grooving Crack With Grinder, Add.....                                                                                                                                              | 6.40   |  |
| 04 01 20 91-0018 | LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....      | 11.95  |  |
|                  | For V-Grooving Crack With Grinder, Add.....                                                                                                                                              | 6.08   |  |

**04 01 50 Maintenance of Refractory Masonry** (04 01)**04 01 50 52 Refractory Masonry Cleaning** (04 01 50)**04 01 50 52-0001 Chimney Cleaning** (04 01 50 52)

|                  |                                                   |       |  |
|------------------|---------------------------------------------------|-------|--|
| 04 01 50 52-0002 | LF Up To 2 SF Cross Section Chimney Cleaning..... | 7.78  |  |
| 04 01 50 52-0003 | LF >2 To 4 SF Cross Section Chimney Cleaning..... | 15.55 |  |
| 04 01 50 52-0004 | LF >4 SF Cross Section Chimney Cleaning.....      | 23.34 |  |

**04 05 Common Work Results for Masonry** (04)**04 05 13 Masonry Mortaring** (04 05)**04 05 13 26 Engineered Masonry Mortaring** (04 05 13)

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

**04 05 13 26-0001 Masonry Cement Mortar** (04 05 13 26)

Note: Ratio is bag material to sand.

|                  |                                                     |      |  |
|------------------|-----------------------------------------------------|------|--|
| 04 05 13 26-0002 | CF Type M Masonry Cement 1:1:6 Mix.....             | 6.54 |  |
| 04 05 13 26-0003 | CF Type N Masonry Cement 1:3 Mix.....               | 6.03 |  |
| 04 05 13 26-0004 | CF Type O Masonry Cement 1:3 Mix.....               | 6.19 |  |
| 04 05 13 26-0005 | CF Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI..... | 6.78 |  |
| 04 05 13 26-0006 | CF Type S Masonry Cement 1/2:1:4 Mix.....           | 7.15 |  |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 13 26-0007 Mortar Admixture (04 05 13 26)                                                                              |                           |                         |
| 04 05 13 26-0008 CF Water - Repellent Stearate - Cost Based On CF Of Mortar .....                                            | 0.35                      |                         |
| 04 05 13 26-0009 CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar .....                                               | 0.06                      |                         |
| 04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)                                                                   |                           |                         |
| Note: Costs are based on CF of mortar.                                                                                       |                           |                         |
| 04 05 13 26-0011 CF Buff Colored Admixture .....                                                                             | 2.20                      |                         |
| 04 05 13 26-0012 CF Brown Colored Admixture .....                                                                            | 2.50                      |                         |
| 04 05 13 26-0013 CF Black Colored Admixture .....                                                                            | 3.09                      |                         |
| 04 05 13 26-0014 CF Red Colored Admixture .....                                                                              | 6.77                      |                         |
| 04 05 13 26-0015 Portland Cement (04 05 13 26)                                                                               |                           |                         |
| 04 05 13 26-0016 CF Normal Portland Cement (Type I) .....                                                                    | 11.73                     |                         |
| 04 05 13 26-0017 CF Modified Portland Cement (Type II) .....                                                                 | 5.85                      |                         |
| 04 05 13 26-0018 CF High Early Strength Portland Cement (Type III) .....                                                     | 6.21                      |                         |
| 04 05 13 26-0019 CF White Non-Staining Portland Cement (Type I) .....                                                        | 13.00                     |                         |
| 04 05 16 Masonry Grouting (04 05)                                                                                            |                           |                         |
| 04 05 16 26 Engineered Masonry Grouting (04 05 16)                                                                           |                           |                         |
| Note: Excludes reinforcement.                                                                                                |                           |                         |
| 04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)                                                      |                           |                         |
| Note: Excludes block.                                                                                                        |                           |                         |
| 04 05 16 26-0002 LF Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep .....                    | 4.07                      |                         |
| 04 05 16 26-0003 LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep .....                      | 4.43                      |                         |
| 04 05 16 26-0004 LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep .....                     | 4.93                      |                         |
| 04 05 16 26-0005 LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep .....                      | 5.49                      |                         |
| 04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)                                                        |                           |                         |
| Note: Per SF of face area filled.                                                                                            |                           |                         |
| 04 05 16 26-0007 SF Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF) .....                         | 3.21                      |                         |
| 04 05 16 26-0008 SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF) .....                         | 4.62                      |                         |
| 04 05 16 26-0009 SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF) .....                         | 6.59                      |                         |
| 04 05 16 26-0010 SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF) .....                         | 8.07                      |                         |
| 04 05 16 26-0011 SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF) .....                        | 9.53                      |                         |
| 04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)                                                                |                           |                         |
| Note: Per SF of face area filled.                                                                                            |                           |                         |
| 04 05 16 26-0013 SF Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF) .....                                            | 3.72                      |                         |
| 04 05 16 26-0014 SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF) .....                                            | 5.24                      |                         |
| 04 05 16 26-0015 SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF) .....                                            | 6.58                      |                         |
| 04 05 16 26-0016 SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF) .....                                            | 8.89                      |                         |
| 04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)                                                                      |                           |                         |
| 04 05 16 26-0018 LF Grout Door Frames - Grout Fill .....                                                                     | 5.84                      |                         |
| 04 05 16 26-0019 LF Grout Window Frames - Grout Fill .....                                                                   | 5.00                      |                         |
| 04 05 16 26-0020 Sand Filled Walls (04 05 16 26)                                                                             |                           |                         |
| 04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)                                                        |                           |                         |
| Note: Per SF of face area filled.                                                                                            |                           |                         |
| 04 05 16 26-0022 SF Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF) .....                                         | 3.17                      |                         |
| 04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF) .....                                         | 4.38                      |                         |
| 04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF) .....                                         | 5.39                      |                         |
| 04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF) .....                                         | 7.17                      |                         |
| 04 05 19 Masonry Anchorage and Reinforcing (04 05)                                                                           |                           |                         |
| 04 05 19 13 Continuous Joint Reinforcing (04 05 19)                                                                          |                           |                         |
| Note: Includes cutting and bending.                                                                                          |                           |                         |
| 04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)                                                                  |                           |                         |
| 04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)                                                  |                           |                         |
| 04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)                                                  |                           |                         |
| 04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003) |                           |                         |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR            | CSI | UOM                                                                                                                            | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 04 05 19 13-0005 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 55.90       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 10.12       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 40.46       |                           |                         |
| 04 05 19 13-0006 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 59.36       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 10.63       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 42.50       |                           |                         |
| 04 05 19 13-0007 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 63.98       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 11.20       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 44.80       |                           |                         |
| 04 05 19 13-0008 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 69.43       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 11.85       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 47.40       |                           |                         |
| 04 05 19 13-0009 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 75.79       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 12.49       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 49.94       |                           |                         |
| 04 05 19 13-0010 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 80.47       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 12.80       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 51.18       |                           |                         |
| 04 05 19 13-0011 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 83.92       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 13.15       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 52.60       |                           |                         |
| 04 05 19 13-0012 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 97.43       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 18.08       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 72.30       |                           |                         |
| 04 05 19 13-0013 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 120.82      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 27.94       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 111.76      |                           |                         |
| 04 05 19 13-0014 |     | <b>Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0003)               |             |                           |                         |
| 04 05 19 13-0015 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 67.11       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 15.72       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 62.88       |                           |                         |
| 04 05 19 13-0016 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 70.70       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 16.30       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 65.18       |                           |                         |
| 04 05 19 13-0017 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 75.44       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 16.93       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 67.72       |                           |                         |
| 04 05 19 13-0018 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 80.77       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 17.52       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 70.08       |                           |                         |
| 04 05 19 13-0019 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 87.10       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 18.14       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 72.56       |                           |                         |
| 04 05 19 13-0020 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 91.83       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 18.48       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 73.92       |                           |                         |
| 04 05 19 13-0021 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 95.21       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 18.79       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 75.16       |                           |                         |
| 04 05 19 13-0022 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 112.33      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 25.53       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 102.12      |                           |                         |
| 04 05 19 13-0023 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 146.40      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 40.74       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 162.94      |                           |                         |
| 04 05 19 13-0024 |     | <b>Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0003)                 |             |                           |                         |
| 04 05 19 13-0025 | CLF | #4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 77.99       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 21.16       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 84.64       |                           |                         |



| MINOR            |     |                                                                                                                                  |           | TOTAL DIRECT | DEMOLITION |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                                                      | UNIT COST | UNIT COST    |            |
| 04 05 19 13-0026 | CLF | #6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement         | 83.06     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 22.32     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 89.28     |              |            |
| 04 05 19 13-0027 | CLF | #8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement         | 88.12     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 23.48     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 93.92     |              |            |
| 04 05 19 13-0028 | CLF | #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 95.48     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 24.88     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 99.50     |              |            |
| 04 05 19 13-0029 | CLF | #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 102.82    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 26.26     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 105.02    |              |            |
| 04 05 19 13-0030 | CLF | #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 108.87    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 27.00     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 107.98    |              |            |
| 04 05 19 13-0031 | CLF | #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 112.43    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 27.63     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 110.52    |              |            |
| 04 05 19 13-0032 | CLF | #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 119.09    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 28.91     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 115.62    |              |            |
| 04 05 19 13-0033 | CLF | #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement       | 160.97    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 48.02     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 192.06    |              |            |
| 04 05 19 13-0034 |     | Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)                    |           |              |            |
| 04 05 19 13-0035 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 81.72     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 23.03     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 92.10     |              |            |
| 04 05 19 13-0036 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 85.17     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 23.53     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 94.12     |              |            |
| 04 05 19 13-0037 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement   | 89.78     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 24.11     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 96.42     |              |            |
| 04 05 19 13-0038 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 95.24     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 24.76     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 99.02     |              |            |
| 04 05 19 13-0039 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 101.59    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 25.39     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 101.54    |              |            |
| 04 05 19 13-0040 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 106.27    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 25.70     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 102.78    |              |            |
| 04 05 19 13-0041 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 109.71    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 26.05     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 104.20    |              |            |
| 04 05 19 13-0042 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement | 123.24    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 30.98     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 123.92    |              |            |
| 04 05 19 13-0043 |     | Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)                      |           |              |            |
| 04 05 19 13-0044 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 92.94     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 28.64     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 114.54    |              |            |
| 04 05 19 13-0045 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 96.53     |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 29.21     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 116.84    |              |            |
| 04 05 19 13-0046 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement     | 101.25    |              |            |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                   | 29.84     |              |            |
|                  |     | For Stainless Steel, Add                                                                                                         | 119.36    |              |            |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0047 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 106.59                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 30.43                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 121.72                    |                         |
| 04 05 19 13-0048 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 112.92                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 31.05                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 124.20                    |                         |
| 04 05 19 13-0049 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 117.65                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 31.39                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 125.56                    |                         |
| 04 05 19 13-0050 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 121.02                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 31.70                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 126.80                    |                         |
| 04 05 19 13-0051 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 138.15                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 38.44                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 153.76                    |                         |
| 04 05 19 13-0052 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....  | 172.23                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 53.65                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 214.60                    |                         |
| 04 05 19 13-0053 |     | <b>Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0003)                      |                           |                         |
| 04 05 19 13-0054 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....      | 103.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 34.06                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 136.24                    |                         |
| 04 05 19 13-0055 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....      | 108.87                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 35.23                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 140.90                    |                         |
| 04 05 19 13-0056 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....      | 113.94                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 36.39                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 145.56                    |                         |
| 04 05 19 13-0057 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 121.29                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 37.78                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 151.12                    |                         |
| 04 05 19 13-0058 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 128.64                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 39.17                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 156.66                    |                         |
| 04 05 19 13-0059 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 134.69                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 39.91                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 159.62                    |                         |
| 04 05 19 13-0060 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 138.24                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 40.54                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 162.14                    |                         |
| 04 05 19 13-0061 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 144.89                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 41.81                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 167.22                    |                         |
| 04 05 19 13-0062 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....    | 186.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 60.93                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 243.70                    |                         |
| 04 05 19 13-0063 |     | <b>Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0003)                   |                           |                         |
| 04 05 19 13-0064 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....   | 107.54                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 35.94                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 143.74                    |                         |
| 04 05 19 13-0065 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....   | 110.98                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 36.44                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 145.74                    |                         |
| 04 05 19 13-0066 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....   | 115.59                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 37.01                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 148.04                    |                         |
| 04 05 19 13-0067 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement ..... | 121.05                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add .....                                                                                                  | 37.66                     |                         |
|                  |     | For Stainless Steel, Add .....                                                                                                        | 150.64                    |                         |



| MINOR            |     |                                                                                                                                               | TOTAL DIRECT |           | DEMOLITION |           |
|------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|-----------|
| CSI              | UOM | DESCRIPTION                                                                                                                                   | UNIT COST    | UNIT COST | UNIT COST  | UNIT COST |
| 04 05 19 13-0068 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....          | 127.41       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 38.30        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 153.18       |           |            |           |
| 04 05 19 13-0069 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....          | 132.09       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 38.61        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 154.42       |           |            |           |
| 04 05 19 13-0070 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....          | 135.53       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 38.96        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 155.84       |           |            |           |
| 04 05 19 13-0071 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....          | 149.05       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 43.89        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 175.54       |           |            |           |
| 04 05 19 13-0072 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....          | 172.44       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 53.76        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 215.02       |           |            |           |
| 04 05 19 13-0073 |     | Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....                                                  |              |           |            |           |
|                  |     | (04 05 19 13-0003)                                                                                                                            |              |           |            |           |
| 04 05 19 13-0074 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....              | 118.75       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 41.54        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 166.16       |           |            |           |
| 04 05 19 13-0075 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....              | 122.34       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 42.12        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 168.46       |           |            |           |
| 04 05 19 13-0076 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....              | 127.07       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 42.75        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 171.00       |           |            |           |
| 04 05 19 13-0077 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement..... | 132.41       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 43.34        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 173.36       |           |            |           |
| 04 05 19 13-0078 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....            | 138.74       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 43.96        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 175.84       |           |            |           |
| 04 05 19 13-0079 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....            | 143.47       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 44.30        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 177.20       |           |            |           |
| 04 05 19 13-0080 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....            | 146.84       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 44.61        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 178.44       |           |            |           |
| 04 05 19 13-0081 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....            | 163.97       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 51.35        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 205.40       |           |            |           |
| 04 05 19 13-0082 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....            | 198.05       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 66.56        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 266.24       |           |            |           |
| 04 05 19 13-0083 |     | Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....                                                    |              |           |            |           |
|                  |     | (04 05 19 13-0003)                                                                                                                            |              |           |            |           |
| 04 05 19 13-0084 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....                | 129.61       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 46.97        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 187.88       |           |            |           |
| 04 05 19 13-0085 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....                | 134.69       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 48.14        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 192.54       |           |            |           |
| 04 05 19 13-0086 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....                | 139.76       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 49.30        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 197.20       |           |            |           |
| 04 05 19 13-0087 | CLF | #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....              | 147.10       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 50.69        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 202.74       |           |            |           |
| 04 05 19 13-0088 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....              | 154.46       |           |            |           |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                | 52.08        |           |            |           |
|                  |     | For Stainless Steel, Add                                                                                                                      | 208.30       |           |            |           |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR            | CSI | UOM                                                                                                                            | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 04 05 19 13-0089 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement    | 160.50      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 52.81       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 211.24      |                           |                         |
| 04 05 19 13-0090 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement    | 164.06      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 53.45       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 213.78      |                           |                         |
| 04 05 19 13-0091 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement    | 170.71      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 54.72       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 218.86      |                           |                         |
| 04 05 19 13-0092 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement    | 212.60      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 73.83       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 295.32      |                           |                         |
| 04 05 19 13-0093 |     | Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0002)                                                           |             |                           |                         |
| 04 05 19 13-0094 |     | 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)                    |             |                           |                         |
| 04 05 19 13-0095 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 80.70       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 17.20       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 68.78       |                           |                         |
| 04 05 19 13-0096 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 89.00       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 18.78       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 75.10       |                           |                         |
| 04 05 19 13-0097 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 96.93       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 20.17       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 80.66       |                           |                         |
| 04 05 19 13-0098 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 103.68      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 20.97       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 83.88       |                           |                         |
| 04 05 19 13-0099 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 107.75      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 21.72       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 86.86       |                           |                         |
| 04 05 19 13-0100 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 115.70      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 23.38       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 93.50       |                           |                         |
| 04 05 19 13-0101 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement | 122.53      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 24.74       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 98.94       |                           |                         |
| 04 05 19 13-0102 |     | 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)                      |             |                           |                         |
| 04 05 19 13-0103 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement     | 94.67       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 24.18       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 96.72       |                           |                         |
| 04 05 19 13-0104 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 103.00      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 25.78       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 103.10      |                           |                         |
| 04 05 19 13-0105 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 110.78      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 27.09       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 108.36      |                           |                         |
| 04 05 19 13-0106 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 117.69      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 27.98       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 111.90      |                           |                         |
| 04 05 19 13-0107 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 121.72      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 28.70       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 114.80      |                           |                         |
| 04 05 19 13-0108 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 129.67      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 30.36       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 121.44      |                           |                         |
| 04 05 19 13-0109 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement   | 136.69      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                 | 31.82       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                       | 127.26      |                           |                         |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)                                                                |                           |                         |
| 04 05 19 13-0111 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                           | 101.45                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 27.57                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 110.28                    |                         |
| 04 05 19 13-0112 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 111.39                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 29.97                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 119.88                    |                         |
| 04 05 19 13-0113 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 121.25                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 32.33                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 129.30                    |                         |
| 04 05 19 13-0114 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 128.90                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 33.58                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 134.32                    |                         |
| 04 05 19 13-0115 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 133.77                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 34.73                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 138.90                    |                         |
| 04 05 19 13-0116 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 143.30                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 37.18                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 148.70                    |                         |
| 04 05 19 13-0117 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement                                         | 152.21                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 39.58                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 158.30                    |                         |
| 04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0062)                                                                    |                           |                         |
| 04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)                             |                           |                         |
| 04 05 19 13-0120 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement   | 118.30                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 36.00                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 143.98                    |                         |
| 04 05 19 13-0121 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement  | 125.64                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 37.10                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 148.38                    |                         |
| 04 05 19 13-0122 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement  | 133.02                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 38.21                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 152.84                    |                         |
| 04 05 19 13-0123 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 143.22                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 39.45                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 157.80                    |                         |
| 04 05 19 13-0124 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 150.33                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 40.69                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 162.76                    |                         |
| 04 05 19 13-0125 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement | 158.22                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 42.58                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 170.32                    |                         |
| 04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)                               |                           |                         |
| 04 05 19 13-0127 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement     | 140.20                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 46.95                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 187.78                    |                         |
| 04 05 19 13-0128 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement    | 147.58                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 48.07                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 192.26                    |                         |
| 04 05 19 13-0129 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement    | 155.23                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 49.32                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 197.26                    |                         |
| 04 05 19 13-0130 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement   | 165.15                    |                         |
| For Hot-Dipped Galvanized, Add                                                                                                                                                          | 50.42                     |                         |
| For Stainless Steel, Add                                                                                                                                                                | 201.66                    |                         |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0131 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....      | 172.29                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 51.67                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 206.68                    |                         |
| 04 05 19 13-0132 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....      | 178.91                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 52.93                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 211.70                    |                         |
| 04 05 19 13-0133 |     | <b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0118)                              |                           |                         |
| 04 05 19 13-0134 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....         | 141.82                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 47.76                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 191.02                    |                         |
| 04 05 19 13-0135 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....        | 150.39                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 49.47                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 197.88                    |                         |
| 04 05 19 13-0136 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....        | 158.95                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 51.18                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 204.70                    |                         |
| 04 05 19 13-0137 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....       | 170.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 53.24                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 212.94                    |                         |
| 04 05 19 13-0138 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....       | 179.51                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 55.28                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 221.12                    |                         |
| 04 05 19 13-0139 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....       | 187.68                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 57.31                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 229.24                    |                         |
| 04 05 19 13-0140 |     | <b>Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0002)                                                                    |                           |                         |
| 04 05 19 13-0141 |     | <b>9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0140)                             |                           |                         |
| 04 05 19 13-0142 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....  | 127.53                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 38.04                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 152.16                    |                         |
| 04 05 19 13-0143 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....  | 134.85                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 39.13                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 156.50                    |                         |
| 04 05 19 13-0144 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....  | 144.74                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 40.21                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 160.84                    |                         |
| 04 05 19 13-0145 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement ..... | 151.94                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 41.50                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 165.98                    |                         |
| 04 05 19 13-0146 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement ..... | 158.53                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 42.74                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 170.94                    |                         |
| 04 05 19 13-0147 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement ..... | 166.38                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 45.23                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 180.92                    |                         |
| 04 05 19 13-0148 |     | <b>3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0140)                               |                           |                         |
| 04 05 19 13-0149 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....    | 149.46                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 49.01                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 196.02                    |                         |
| 04 05 19 13-0150 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....    | 156.81                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 50.11                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 200.42                    |                         |
| 04 05 19 13-0151 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....    | 167.01                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                             | 51.35                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                   | 205.38                    |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                               | TOTAL DIRECT UNIT COST             | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------|
| 04 05 19 13-0152 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                           | 173.84<br>52.45<br>209.78          |                      |
| 04 05 19 13-0153 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                           | 180.46<br>53.70<br>214.80          |                      |
| 04 05 19 13-0154 | CLF | #20 | (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                           | 188.59<br>56.34<br>225.34          |                      |
| 04 05 19 13-0155 |     |     | 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><small>(04 05 19 13-0140)</small>                                                                                                                                |                                    |                      |
| 04 05 19 13-0156 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                              | 151.01<br>49.78<br>199.12          |                      |
| 04 05 19 13-0157 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                              | 159.60<br>51.50<br>206.00          |                      |
| 04 05 19 13-0158 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                              | 170.79<br>53.24<br>212.94          |                      |
| 04 05 19 13-0159 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                             | 179.51<br>55.28<br>221.12          |                      |
| 04 05 19 13-0160 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                             | 187.68<br>57.31<br>229.24          |                      |
| 04 05 19 13-0161 | CLF | #20 | (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i>                                             | 196.36<br>60.22<br>240.88          |                      |
| 04 05 19 13-0162 |     |     | Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><small>(04 05 19 13-0002)</small>                                                                                                                                                              |                                    |                      |
| 04 05 19 13-0163 |     |     | 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><small>(04 05 19 13-0162)</small>                                                                                                                       |                                    |                      |
| 04 05 19 13-0164 | CLF | #8  | (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i>  | 120.31<br>34.43<br>137.72<br>14.80 |                      |
| 04 05 19 13-0165 | CLF | #10 | (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i>  | 127.26<br>35.33<br>141.32<br>15.19 |                      |
| 04 05 19 13-0166 | CLF | #12 | (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i>  | 136.90<br>36.29<br>145.16<br>15.60 |                      |
| 04 05 19 13-0167 | CLF | #14 | (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i> | 143.58<br>37.32<br>149.26<br>16.05 |                      |
| 04 05 19 13-0168 | CLF | #16 | (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i> | 149.82<br>38.38<br>153.52<br>16.50 |                      |
| 04 05 19 13-0169 | CLF | #18 | (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><i>For Hot-Dipped Galvanized, Add</i><br><i>For Stainless Steel, Add</i><br><i>For Seismic Hook And Eye, Add</i> | 154.60<br>39.34<br>157.36<br>16.92 |                      |
| 04 05 19 13-0170 |     |     | 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....<br><small>(04 05 19 13-0162)</small>                                                                                                                         |                                    |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0171 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 140.88                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 44.72                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 178.86                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 19.23                     |                         |
| 04 05 19 13-0172 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....     | 147.43                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 45.42                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 181.66                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 19.53                     |                         |
| 04 05 19 13-0173 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....     | 157.13                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 46.41                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 185.62                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 19.95                     |                         |
| 04 05 19 13-0174 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And<br>Eye Ties For Composite Walls, Masonry Wall Reinforcement.....    | 163.68                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 47.37                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 189.46                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 20.37                     |                         |
| 04 05 19 13-0175 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And<br>Eye Ties For Composite Walls, Masonry Wall Reinforcement.....    | 169.71                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 48.33                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 193.30                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 20.78                     |                         |
| 04 05 19 13-0176 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And<br>Eye Ties For Composite Walls, Masonry Wall Reinforcement.....    | 176.72                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 50.40                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 201.60                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 21.67                     |                         |
| 04 05 19 13-0177 |     | 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)                                   |                           |                         |
| 04 05 19 13-0178 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement.....        | 142.40                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 45.48                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 181.90                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 19.55                     |                         |
| 04 05 19 13-0179 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....       | 150.84                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 47.12                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 188.48                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 20.26                     |                         |
| 04 05 19 13-0180 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....       | 161.81                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 48.75                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 194.98                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 20.96                     |                         |
| 04 05 19 13-0181 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 170.34                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 50.70                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 202.78                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 21.80                     |                         |
| 04 05 19 13-0182 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 178.35                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 52.65                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 210.58                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 22.64                     |                         |
| 04 05 19 13-0183 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 185.09                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 54.59                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 218.34                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 23.47                     |                         |
| 04 05 19 13-0184 |     | Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall<br>Reinforcement (04 05 19 13-0002)                                                                         |                           |                         |
| 04 05 19 13-0185 |     | 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And<br>Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)                                  |                           |                         |
| 04 05 19 13-0186 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook<br>And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... | 129.55                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 36.48                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 145.90                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 15.68                     |                         |
| 04 05 19 13-0187 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook<br>And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... | 139.04                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                                | 37.36                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                      | 149.44                    |                         |
|                  |     | For Seismic Hook And Eye, Add                                                                                                                                                 | 16.06                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                              | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 05 19 13-0188 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....  | 145.44                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 38.25                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 152.98                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 16.45                  |                      |
| 04 05 19 13-0189 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement ..... | 151.81                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 39.38                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 157.50                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 16.93                  |                      |
| 04 05 19 13-0190 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement ..... | 156.71                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 40.40                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 161.58                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 17.37                  |                      |
| 04 05 19 13-0191 |     |     | 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)                                  |                        |                      |
| 04 05 19 13-0192 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 149.38                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 46.39                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 185.56                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 19.95                  |                      |
| 04 05 19 13-0193 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 159.02                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 47.35                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 189.40                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 20.36                  |                      |
| 04 05 19 13-0194 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 165.69                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 48.37                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 193.48                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 20.80                  |                      |
| 04 05 19 13-0195 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....   | 171.45                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 49.20                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 196.78                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 21.15                  |                      |
| 04 05 19 13-0196 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....   | 176.54                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 50.31                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 201.24                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 21.63                  |                      |
| 04 05 19 13-0197 |     |     | 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)                                    |                        |                      |
| 04 05 19 13-0198 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 151.42                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 47.41                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 189.64                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 20.39                  |                      |
| 04 05 19 13-0199 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 162.43                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 49.06                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 196.22                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 21.09                  |                      |
| 04 05 19 13-0200 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 170.34                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 50.70                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 202.78                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 21.80                  |                      |
| 04 05 19 13-0201 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....     | 178.35                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 52.65                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 210.58                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 22.64                  |                      |
| 04 05 19 13-0202 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....     | 185.09                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 54.59                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 218.34                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                      | 23.47                  |                      |
| 04 05 19 13-0203 |     |     | Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0001)                                                                                                                |                        |                      |
| 04 05 19 13-0204 |     |     | Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0203)                                                                                                                |                        |                      |
| 04 05 19 13-0205 |     |     | Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)                                                               |                        |                      |
| 04 05 19 13-0206 | CLF | #4  | (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....                                                     | 64.36                  |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                     | 14.35                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                           | 57.38                  |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0207 | CLF | #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 67.11                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 14.50                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 58.00                     |                         |
| 04 05 19 13-0208 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 71.72                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 15.07                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 60.28                     |                         |
| 04 05 19 13-0209 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 77.36                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 15.82                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 63.26                     |                         |
| 04 05 19 13-0210 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 84.12                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 16.65                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 66.60                     |                         |
| 04 05 19 13-0211 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 89.08                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 17.10                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 68.40                     |                         |
| 04 05 19 13-0212 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 92.67                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 17.75                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 71.00                     |                         |
| 04 05 19 13-0213 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 111.14                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 24.94                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 99.74                     |                         |
| 04 05 19 13-0214 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 117.65                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 26.36                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 105.44                    |                         |
| 04 05 19 13-0215 | CLF | #20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 160.71                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 45.60                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 182.40                    |                         |
| 04 05 19 13-0216 |     | <b>Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b>                        |                           |                         |
|                  |     | <small>(04 05 19 13-0204)</small>                                                                                   |                           |                         |
| 04 05 19 13-0217 | CLF | #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 75.45                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 19.89                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 79.56                     |                         |
| 04 05 19 13-0218 | CLF | #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 78.44                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 20.17                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 80.66                     |                         |
| 04 05 19 13-0219 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 83.06                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 20.74                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 82.96                     |                         |
| 04 05 19 13-0220 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 88.67                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 21.47                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 85.88                     |                         |
| 04 05 19 13-0221 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 95.27                     |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 22.23                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 88.90                     |                         |
| 04 05 19 13-0222 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 100.38                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 22.76                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 91.02                     |                         |
| 04 05 19 13-0223 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 103.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 23.31                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 93.24                     |                         |
| 04 05 19 13-0224 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 126.08                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 32.41                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 129.62                    |                         |
| 04 05 19 13-0225 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 132.59                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 33.83                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 135.32                    |                         |
| 04 05 19 13-0226 | CLF | #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 192.75                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                      | 63.91                     |                         |
|                  |     | For Stainless Steel, Add                                                                                            | 255.64                    |                         |
| 04 05 19 13-0227 |     | <b>Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b>                          |                           |                         |
|                  |     | <small>(04 05 19 13-0204)</small>                                                                                   |                           |                         |



| MINOR            | CSI | UOM                                                                                                                             | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 04 05 19 13-0228 | CLF | #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                   | 92.42       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 28.38       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 113.50      |                        |                      |
| 04 05 19 13-0229 | CLF | #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                   | 95.88       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 28.73       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 114.92      |                        |                      |
| 04 05 19 13-0230 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                   | 100.73      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 29.79       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 119.14      |                        |                      |
| 04 05 19 13-0231 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 108.18      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 31.23       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 124.90      |                        |                      |
| 04 05 19 13-0232 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 116.36      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 33.03       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 132.10      |                        |                      |
| 04 05 19 13-0233 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 122.57      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 33.85       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 135.38      |                        |                      |
| 04 05 19 13-0234 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 127.30      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 35.07       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 140.26      |                        |                      |
| 04 05 19 13-0235 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 159.73      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 49.23       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 196.90      |                        |                      |
| 04 05 19 13-0236 | CLF | #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 168.96      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 52.01       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 208.04      |                        |                      |
| 04 05 19 13-0237 | CLF | #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement                 | 249.37      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 89.93       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 359.72      |                        |                      |
| 04 05 19 13-0238 |     | Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)                    |             |                        |                      |
| 04 05 19 13-0239 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 81.72       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 23.03       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 92.10       |                        |                      |
| 04 05 19 13-0240 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 85.17       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 23.53       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 94.12       |                        |                      |
| 04 05 19 13-0241 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 89.78       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 24.11       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 96.42       |                        |                      |
| 04 05 19 13-0242 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 95.24       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 24.76       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 99.02       |                        |                      |
| 04 05 19 13-0243 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 101.59      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 25.39       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 101.54      |                        |                      |
| 04 05 19 13-0244 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 106.27      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 25.70       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 102.78      |                        |                      |
| 04 05 19 13-0245 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 109.71      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 26.05       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 104.20      |                        |                      |
| 04 05 19 13-0246 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 123.24      |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 30.98       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 123.92      |                        |                      |
| 04 05 19 13-0247 |     | Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)                      |             |                        |                      |
| 04 05 19 13-0248 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 92.94       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 28.64       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 114.54      |                        |                      |
| 04 05 19 13-0249 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 96.53       |                        |                      |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                  | 29.21       |                        |                      |
|                  |     | For Stainless Steel, Add                                                                                                        | 116.84      |                        |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0250 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 101.25                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 29.84                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 119.36                    |                         |
| 04 05 19 13-0251 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 106.59                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 30.43                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 121.72                    |                         |
| 04 05 19 13-0252 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 112.92                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 31.05                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 124.20                    |                         |
| 04 05 19 13-0253 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 117.65                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 31.39                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 125.56                    |                         |
| 04 05 19 13-0254 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 121.02                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 31.70                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 126.80                    |                         |
| 04 05 19 13-0255 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 138.15                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 38.44                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 153.76                    |                         |
| 04 05 19 13-0256 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement | 172.23                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 53.65                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 214.60                    |                         |
| 04 05 19 13-0257 |     | <b>Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0204)               |                           |                         |
| 04 05 19 13-0258 | CLF | #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 103.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 34.06                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 136.24                    |                         |
| 04 05 19 13-0259 | CLF | #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 108.87                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 35.23                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 140.90                    |                         |
| 04 05 19 13-0260 | CLF | #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement     | 113.94                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 36.39                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 145.56                    |                         |
| 04 05 19 13-0261 | CLF | #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 121.29                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 37.78                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 151.12                    |                         |
| 04 05 19 13-0262 | CLF | #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 128.64                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 39.17                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 156.66                    |                         |
| 04 05 19 13-0263 | CLF | #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 134.69                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 39.91                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 159.62                    |                         |
| 04 05 19 13-0264 | CLF | #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 138.24                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 40.54                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 162.14                    |                         |
| 04 05 19 13-0265 | CLF | #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 144.89                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 41.81                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 167.22                    |                         |
| 04 05 19 13-0266 | CLF | #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement   | 186.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 60.93                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 243.70                    |                         |
| 04 05 19 13-0267 |     | <b>Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> (04 05 19 13-0204)            |                           |                         |
| 04 05 19 13-0268 | CLF | #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement  | 107.54                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 35.94                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 143.74                    |                         |
| 04 05 19 13-0269 | CLF | #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement  | 110.98                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 36.44                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 145.74                    |                         |
| 04 05 19 13-0270 | CLF | #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement  | 115.59                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 37.01                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 148.04                    |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0271 | CLF | #10 | (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 121.05                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 37.66                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 150.64                    |                         |
| 04 05 19 13-0272 | CLF | #12 | (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 127.41                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 38.30                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 153.18                    |                         |
| 04 05 19 13-0273 | CLF | #13 | (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 132.09                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 38.61                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 154.42                    |                         |
| 04 05 19 13-0274 | CLF | #14 | (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 135.53                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 38.96                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 155.84                    |                         |
| 04 05 19 13-0275 | CLF | #16 | (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 149.05                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 43.89                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 175.54                    |                         |
| 04 05 19 13-0276 | CLF | #18 | (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement..... | 172.44                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 53.76                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 215.02                    |                         |
| 04 05 19 13-0277 |     |     | Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)                       |                           |                         |
| 04 05 19 13-0278 | CLF | #4  | (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....    | 118.75                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 41.54                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 166.16                    |                         |
| 04 05 19 13-0279 | CLF | #6  | (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....    | 122.34                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 42.12                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 168.46                    |                         |
| 04 05 19 13-0280 | CLF | #8  | (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....    | 127.07                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 42.75                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 171.00                    |                         |
| 04 05 19 13-0281 | CLF | #10 | (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 132.41                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 43.34                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 173.36                    |                         |
| 04 05 19 13-0282 | CLF | #12 | (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 138.74                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 43.96                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 175.84                    |                         |
| 04 05 19 13-0283 | CLF | #13 | (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 143.47                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 44.30                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 177.20                    |                         |
| 04 05 19 13-0284 | CLF | #14 | (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 146.84                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 44.61                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 178.44                    |                         |
| 04 05 19 13-0285 | CLF | #16 | (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 163.97                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 51.35                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 205.40                    |                         |
| 04 05 19 13-0286 | CLF | #18 | (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....   | 198.05                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 66.56                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 266.24                    |                         |
| 04 05 19 13-0287 |     |     | Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)                         |                           |                         |
| 04 05 19 13-0288 | CLF | #4  | (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....      | 129.61                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 46.97                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 187.88                    |                         |
| 04 05 19 13-0289 | CLF | #6  | (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....      | 134.69                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 48.14                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 192.54                    |                         |
| 04 05 19 13-0290 | CLF | #8  | (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....      | 139.76                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 49.30                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 197.20                    |                         |
| 04 05 19 13-0291 | CLF | #10 | (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement.....     | 147.10                    |                         |
|                  |     |     | For Hot-Dipped Galvanized, Add.....                                                                                             | 50.69                     |                         |
|                  |     |     | For Stainless Steel, Add.....                                                                                                   | 202.74                    |                         |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR            | CSI | UOM                                                                                                                           | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 04 05 19 13-0292 | CLF | #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement    | 154.46      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 52.08       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 208.30      |                           |                         |
| 04 05 19 13-0293 | CLF | #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement    | 160.50      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 52.81       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 211.24      |                           |                         |
| 04 05 19 13-0294 | CLF | #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement    | 164.06      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 53.45       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 213.78      |                           |                         |
| 04 05 19 13-0295 | CLF | #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement    | 170.71      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 54.72       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 218.86      |                           |                         |
| 04 05 19 13-0296 | CLF | #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement    | 212.60      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 73.83       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 295.32      |                           |                         |
| 04 05 19 13-0297 |     | Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0203)                                                           |             |                           |                         |
| 04 05 19 13-0298 |     | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)                    |             |                           |                         |
| 04 05 19 13-0299 | CLF | #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 91.26       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 22.48       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 89.90       |                           |                         |
| 04 05 19 13-0300 | CLF | #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 98.57       |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 23.56       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 94.24       |                           |                         |
| 04 05 19 13-0301 | CLF | #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 106.47      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 24.94       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 99.74       |                           |                         |
| 04 05 19 13-0302 | CLF | #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 113.50      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 25.88       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 103.52      |                           |                         |
| 04 05 19 13-0303 | CLF | #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 117.66      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 26.67       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 106.68      |                           |                         |
| 04 05 19 13-0304 | CLF | #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 126.10      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 28.58       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 114.30      |                           |                         |
| 04 05 19 13-0305 | CLF | #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement | 134.02      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 30.48       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 121.92      |                           |                         |
| 04 05 19 13-0306 |     | 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)                      |             |                           |                         |
| 04 05 19 13-0307 | CLF | #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement     | 105.26      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 29.48       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 117.90      |                           |                         |
| 04 05 19 13-0308 | CLF | #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 112.60      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 30.58       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 122.30      |                           |                         |
| 04 05 19 13-0309 | CLF | #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 120.45      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 31.93       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 127.70      |                           |                         |
| 04 05 19 13-0310 | CLF | #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 127.51      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 32.89       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 131.54      |                           |                         |
| 04 05 19 13-0311 | CLF | #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 131.57      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 33.63       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 134.50      |                           |                         |
| 04 05 19 13-0312 | CLF | #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement   | 140.04      |                           |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                | 35.55       |                           |                         |
|                  |     | For Stainless Steel, Add                                                                                                      | 142.18      |                           |                         |





| MINOR               |                                                                                                                                                                       | TOTAL DIRECT |        | DEMOLITION |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                                       | UNIT COST    |        | UNIT COST  |
| 04 05 19 13-0313    | CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                       |              | 148.03 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 37.49  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 149.94 |            |
| 04 05 19 13-0314    | 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                                                                   |              |        |            |
| 04 05 19 13-0315    | CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                           |              | 118.24 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 35.97  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 143.86 |            |
| 04 05 19 13-0316    | CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 126.79 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 37.67  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 150.68 |            |
| 04 05 19 13-0317    | CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 136.62 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 40.01  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 160.04 |            |
| 04 05 19 13-0318    | CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 144.30 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 41.28  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 165.12 |            |
| 04 05 19 13-0319    | CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 149.42 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 42.55  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 170.20 |            |
| 04 05 19 13-0320    | CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 159.78 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 45.42  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 181.66 |            |
| 04 05 19 13-0321    | CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement                                         |              | 168.63 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 47.79  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 191.14 |            |
| 04 05 19 13-0322    | Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement                                                                                       |              |        |            |
| 04 05 19 13-0323    | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement                                                |              |        |            |
| 04 05 19 13-0324    | CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement   |              | 134.91 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 44.30  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 177.20 |            |
| 04 05 19 13-0325    | CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement  |              | 140.67 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 44.61  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 178.44 |            |
| 04 05 19 13-0326    | CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement  |              | 147.99 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 45.70  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 182.78 |            |
| 04 05 19 13-0327    | CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement |              | 158.59 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 47.14  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 188.54 |            |
| 04 05 19 13-0328    | CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement |              | 166.62 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 48.84  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 195.34 |            |
| 04 05 19 13-0329    | CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement |              | 174.89 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 50.92  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 203.66 |            |
| 04 05 19 13-0330    | 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement                                                  |              |        |            |
| 04 05 19 13-0331    | CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement     |              | 156.56 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 55.13  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 220.50 |            |
| 04 05 19 13-0332    | CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement    |              | 162.63 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 55.59  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 222.36 |            |
| 04 05 19 13-0333    | CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement    |              | 169.95 |            |
|                     | For Hot-Dipped Galvanized, Add                                                                                                                                        |              | 56.68  |            |
|                     | For Stainless Steel, Add                                                                                                                                              |              | 226.70 |            |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 13-0334 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....     | 180.49                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 58.09                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 232.34                    |                         |
| 04 05 19 13-0335 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....     | 188.25                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 59.65                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 238.60                    |                         |
| 04 05 19 13-0336 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....     | 195.52                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 61.23                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 244.92                    |                         |
| 04 05 19 13-0337 |     | <b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0322)                             |                           |                         |
| 04 05 19 13-0338 | CLF | #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....         | 168.43                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 61.06                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 244.24                    |                         |
| 04 05 19 13-0339 | CLF | #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....        | 174.50                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 61.53                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 246.10                    |                         |
| 04 05 19 13-0340 | CLF | #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....        | 183.05                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 63.23                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 252.90                    |                         |
| 04 05 19 13-0341 | CLF | #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....       | 195.23                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 65.46                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 261.82                    |                         |
| 04 05 19 13-0342 | CLF | #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....       | 205.50                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 68.28                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 273.10                    |                         |
| 04 05 19 13-0343 | CLF | #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....       | 215.87                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 71.41                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 285.62                    |                         |
| 04 05 19 13-0344 |     | <b>Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0203)                                                                   |                           |                         |
| 04 05 19 13-0345 |     | <b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0344)                            |                           |                         |
| 04 05 19 13-0346 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....  | 144.17                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 46.36                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 185.44                    |                         |
| 04 05 19 13-0347 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....  | 149.97                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 46.69                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 186.74                    |                         |
| 04 05 19 13-0348 | CLF | #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....  | 159.79                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 47.74                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 190.94                    |                         |
| 04 05 19 13-0349 | CLF | #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement..... | 167.27                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 49.16                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 196.64                    |                         |
| 04 05 19 13-0350 | CLF | #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement..... | 174.85                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 50.90                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 203.58                    |                         |
| 04 05 19 13-0351 | CLF | #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement..... | 181.25                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 52.67                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 210.66                    |                         |
| 04 05 19 13-0352 |     | <b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> (04 05 19 13-0344)                              |                           |                         |
| 04 05 19 13-0353 | CLF | #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....    | 165.76                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 57.16                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 228.62                    |                         |
| 04 05 19 13-0354 | CLF | #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....    | 171.84                    |                         |
|                  |     | For Hot-Dipped Galvanized, Add                                                                                                                                           | 57.62                     |                         |
|                  |     | For Stainless Steel, Add                                                                                                                                                 | 230.48                    |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 05 19 13-0355 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....    | 181.73                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 58.71                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 234.82                 |                      |
| 04 05 19 13-0356 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....   | 189.21                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 60.13                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 240.52                 |                      |
| 04 05 19 13-0357 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....   | 196.45                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 61.70                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 246.78                 |                      |
| 04 05 19 13-0358 | CLF | #20 | (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....   | 203.02                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 63.55                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 254.20                 |                      |
| 04 05 19 13-0359 |     |     | 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)                                   |                        |                      |
| 04 05 19 13-0360 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....      | 177.65                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 63.10                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 252.40                 |                      |
| 04 05 19 13-0361 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....      | 183.70                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 63.55                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 254.20                 |                      |
| 04 05 19 13-0362 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....      | 194.89                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 65.29                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 261.14                 |                      |
| 04 05 19 13-0363 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....     | 203.95                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 67.50                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 270.00                 |                      |
| 04 05 19 13-0364 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....     | 213.67                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 70.31                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 281.22                 |                      |
| 04 05 19 13-0365 | CLF | #20 | (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....     | 220.80                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 72.44                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 289.76                 |                      |
| 04 05 19 13-0366 |     |     | Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0203)                                                                 |                        |                      |
| 04 05 19 13-0367 |     |     | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)                          |                        |                      |
| 04 05 19 13-0368 | CLF | #8  | (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....  | 135.83                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 42.19                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 168.76                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 18.14                  |                      |
| 04 05 19 13-0369 | CLF | #10 | (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....  | 141.57                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 42.49                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 169.94                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 18.27                  |                      |
| 04 05 19 13-0370 | CLF | #12 | (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....  | 151.12                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 43.40                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 173.60                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 18.66                  |                      |
| 04 05 19 13-0371 | CLF | #14 | (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement..... | 158.38                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 44.72                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 178.86                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 19.23                  |                      |
| 04 05 19 13-0372 | CLF | #16 | (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement..... | 165.22                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 46.08                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 184.32                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 19.81                  |                      |
| 04 05 19 13-0373 | CLF | #18 | (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement..... | 171.43                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add                                                                                                                                       | 47.76                  |                      |
|                  |     |     | For Stainless Steel, Add                                                                                                                                             | 191.02                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add                                                                                                                                        | 20.53                  |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                  |        |  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|
| 04 05 19 13-0374 | 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)                                     |        |  |
| 04 05 19 13-0375 | CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 155.72 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 52.14  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 208.54 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 22.42  |  |
| 04 05 19 13-0376 | CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....     | 161.68 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 52.54  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 210.16 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 22.59  |  |
| 04 05 19 13-0377 | CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....     | 171.07 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 53.38  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 213.50 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 22.95  |  |
| 04 05 19 13-0378 | CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....    | 178.21 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 54.63  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 218.52 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 23.49  |  |
| 04 05 19 13-0379 | CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....    | 185.02 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 55.98  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 223.92 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 24.07  |  |
| 04 05 19 13-0380 | CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....    | 190.85 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 57.47  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 229.86 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 24.71  |  |
| 04 05 19 13-0381 | 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)                                       |        |  |
| 04 05 19 13-0382 | CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement.....        | 167.74 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 58.15  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 232.58 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 25.00  |  |
| 04 05 19 13-0383 | CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement.....       | 173.79 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 58.60  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 234.38 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 25.20  |  |
| 04 05 19 13-0384 | CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties<br>For Composite Walls, Masonry Wall Reinforcement.....       | 184.76 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 60.22  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 240.88 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 25.89  |  |
| 04 05 19 13-0385 | CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 193.64 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 62.35  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 249.38 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 26.81  |  |
| 04 05 19 13-0386 | CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 203.11 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 65.03  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 260.10 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 27.96  |  |
| 04 05 19 13-0387 | CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye<br>Ties For Composite Walls, Masonry Wall Reinforcement.....      | 211.91 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 68.00  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 271.98 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 29.24  |  |
| 04 05 19 13-0388 | Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall<br>Reinforcement (04 05 19 13-0203)                                                                             |        |  |
| 04 05 19 13-0389 | 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye<br>Ties For Cavity Walls, Masonry Wall (04 05 19 13-0388)                                                    |        |  |
| 04 05 19 13-0390 | CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook<br>And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... | 144.95 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 44.18  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 176.70 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 19.00  |  |
| 04 05 19 13-0391 | CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook<br>And Eye Ties For Cavity Walls, Masonry Wall Reinforcement..... | 153.29 |  |
|                  | For Hot-Dipped Galvanized, Add                                                                                                                                                   | 44.49  |  |
|                  | For Stainless Steel, Add                                                                                                                                                         | 177.94 |  |
|                  | For Seismic Hook And Eye, Add                                                                                                                                                    | 19.13  |  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                             | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 05 19 13-0392 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....  | 159.87                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 45.46                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 181.84                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 19.55                  |                      |
| 04 05 19 13-0393 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement ..... | 166.77                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 46.86                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 187.42                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 20.15                  |                      |
| 04 05 19 13-0394 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement ..... | 172.85                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 48.47                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 193.86                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 20.84                  |                      |
| 04 05 19 13-0395 |     |     | 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0388)                                  |                        |                      |
| 04 05 19 13-0396 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 166.39                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 54.90                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 219.58                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 23.60                  |                      |
| 04 05 19 13-0397 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 174.79                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 55.24                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 220.94                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 23.75                  |                      |
| 04 05 19 13-0398 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....    | 181.31                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 56.18                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 224.72                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 24.16                  |                      |
| 04 05 19 13-0399 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....   | 187.96                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 57.45                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 229.80                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 24.70                  |                      |
| 04 05 19 13-0400 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....   | 193.42                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 58.75                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 235.00                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 25.26                  |                      |
| 04 05 19 13-0401 |     |     | 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0388)                                    |                        |                      |
| 04 05 19 13-0402 | CLF | #10 | (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 176.80                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 60.10                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 240.40                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 25.84                  |                      |
| 04 05 19 13-0403 | CLF | #12 | (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 185.38                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 60.53                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 242.12                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 26.03                  |                      |
| 04 05 19 13-0404 | CLF | #14 | (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....      | 193.30                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 62.18                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 248.70                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 26.74                  |                      |
| 04 05 19 13-0405 | CLF | #16 | (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....     | 201.62                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 64.28                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 257.12                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 27.64                  |                      |
| 04 05 19 13-0406 | CLF | #18 | (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....     | 209.84                 |                      |
|                  |     |     | For Hot-Dipped Galvanized, Add .....                                                                                                                                    | 66.96                  |                      |
|                  |     |     | For Stainless Steel, Add .....                                                                                                                                          | 267.84                 |                      |
|                  |     |     | For Seismic Hook And Eye, Add .....                                                                                                                                     | 28.79                  |                      |
| 04 05 19 16      |     |     | Masonry Anchors (04 05 19)                                                                                                                                              |                        |                      |
| 04 05 19 16-0001 |     |     | Rectangular, Wire Masonry Wall Ties (04 05 19 16)                                                                                                                       |                        |                      |
| 04 05 19 16-0002 |     |     | Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)                                                                                           |                        |                      |
| 04 05 19 16-0003 | EA  | 2"  | Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie .....                                                                      | 1.36                   |                      |
| 04 05 19 16-0004 | EA  | 2"  | Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie .....                                                                      | 1.47                   |                      |
| 04 05 19 16-0005 | EA  | 2"  | Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie .....                                                                      | 1.58                   |                      |
| 04 05 19 16-0006 | EA  | 2"  | Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie .....                                                                     | 1.71                   |                      |
| 04 05 19 16-0007 | EA  | 2"  | Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie .....                                                                     | 1.84                   |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|----------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 16-0008             | EA | 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....           | 1.58                      |                         |
| 04 05 19 16-0009             | EA | 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....           | 1.71                      |                         |
| 04 05 19 16-0010             | EA | 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....          | 1.84                      |                         |
| 04 05 19 16-0011             | EA | 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....          | 1.97                      |                         |
| <b>04 05 19 16-0012</b>      |    | <b>Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)</b>                                 |                           |                         |
| 04 05 19 16-0013             | EA | 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....                | 1.17                      |                         |
| 04 05 19 16-0014             | EA | 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....                | 1.21                      |                         |
| 04 05 19 16-0015             | EA | 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....                | 1.26                      |                         |
| 04 05 19 16-0016             | EA | 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....               | 1.33                      |                         |
| 04 05 19 16-0017             | EA | 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....               | 1.40                      |                         |
| 04 05 19 16-0018             | EA | 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....                | 1.26                      |                         |
| 04 05 19 16-0019             | EA | 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....                | 1.33                      |                         |
| 04 05 19 16-0020             | EA | 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....               | 1.40                      |                         |
| 04 05 19 16-0021             | EA | 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....               | 1.48                      |                         |
| <b>04 05 19 16-0022</b>      |    | <b>Z-Type, Wire Masonry Wall Ties (04 05 19 16)</b>                                                            |                           |                         |
| <b>04 05 19 16-0023</b>      |    | <b>Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)</b>                                |                           |                         |
| 04 05 19 16-0024             | EA | 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                | 1.17                      |                         |
| 04 05 19 16-0025             | EA | 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                | 1.24                      |                         |
| 04 05 19 16-0026             | EA | 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....               | 1.43                      |                         |
| 04 05 19 16-0027             | EA | 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....               | 1.52                      |                         |
| 04 05 19 16-0028             | EA | 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                 | 1.54                      |                         |
| 04 05 19 16-0029             | EA | 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                 | 1.66                      |                         |
| 04 05 19 16-0030             | EA | 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                | 1.81                      |                         |
| 04 05 19 16-0031             | EA | 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....                | 1.90                      |                         |
| <b>04 05 19 16-0032</b>      |    | <b>Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)</b>                                      |                           |                         |
| 04 05 19 16-0033             | EA | 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                      | 1.03                      |                         |
| 04 05 19 16-0034             | EA | 8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                      | 1.05                      |                         |
| 04 05 19 16-0035             | EA | 10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                     | 1.20                      |                         |
| 04 05 19 16-0036             | EA | 12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                     | 1.24                      |                         |
| 04 05 19 16-0037             | EA | 6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                       | 1.25                      |                         |
| 04 05 19 16-0038             | EA | 8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                       | 1.33                      |                         |
| 04 05 19 16-0039             | EA | 10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                      | 1.40                      |                         |
| 04 05 19 16-0040             | EA | 12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....                      | 1.50                      |                         |
| <b>04 05 19 16-0041</b>      |    | <b>Wire Beam Ties (04 05 19 16)</b>                                                                            |                           |                         |
| <b>04 05 19 16-0042</b>      |    | <b>Hot-Dipped Galvanized, Wire Beam Ties (04 05 19 16-0041)</b>                                                |                           |                         |
| 04 05 19 16-0043             | EA | 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....                              | 1.70                      |                         |
| 04 05 19 16-0044             | EA | 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....                              | 1.75                      |                         |
| 04 05 19 16-0045             | EA | 6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....                              | 1.79                      |                         |
| 04 05 19 16-0046             | EA | 8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....                              | 1.84                      |                         |
| 04 05 19 16-0047             | EA | 10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....                             | 1.93                      |                         |
| <b>04 05 19 16-0048</b>      |    | <b>Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)</b>                                                      |                           |                         |
| 04 05 19 16-0049             | EA | 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....                                    | 2.09                      |                         |
| 04 05 19 16-0050             | EA | 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....                                    | 2.20                      |                         |
| 04 05 19 16-0051             | EA | 6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....                                    | 2.32                      |                         |
| 04 05 19 16-0052             | EA | 8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....                                    | 2.37                      |                         |
| 04 05 19 16-0053             | EA | 10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....                                   | 2.46                      |                         |
| <b>04 05 19 16-0054</b>      |    | <b>Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16)</b>                                          |                           |                         |
| <b>04 05 19 16-0055</b>      |    | <b>Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)</b>              |                           |                         |
| 04 05 19 16-0056             | EA | 6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....  | 1.93                      |                         |
| 04 05 19 16-0057             | EA | 7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....  | 2.03                      |                         |
| 04 05 19 16-0058             | EA | 8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....  | 2.06                      |                         |
| 04 05 19 16-0059             | EA | 9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....  | 2.15                      |                         |
| 04 05 19 16-0060             | EA | 10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie ..... | 2.18                      |                         |
| <b>04 05 19 16-0061</b>      |    | <b>Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)</b>                    |                           |                         |
| 04 05 19 16-0062             | EA | 6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....        | 1.58                      |                         |
| 04 05 19 16-0063             | EA | 7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....        | 1.64                      |                         |
| 04 05 19 16-0064             | EA | 8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....        | 1.67                      |                         |
| 04 05 19 16-0065             | EA | 9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....        | 1.72                      |                         |
| 04 05 19 16-0066             | EA | 10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....       | 1.74                      |                         |
| <b>04 05 19 16-0067</b>      |    | <b>Corrugated Buck (Brick) Anchors (04 05 19 16)</b>                                                           |                           |                         |



| MINOR<br>CSI UOM DESCRIPTION                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 05 19 16-0068 Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)                       |                           |                         |
| 04 05 19 16-0069 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.42                      |                         |
| 04 05 19 16-0070 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.53                      |                         |
| 04 05 19 16-0071 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.63                      |                         |
| 04 05 19 16-0072 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.74                      |                         |
| 04 05 19 16-0073 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.85                      |                         |
| 04 05 19 16-0074 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.51                      |                         |
| 04 05 19 16-0075 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.63                      |                         |
| 04 05 19 16-0076 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.74                      |                         |
| 04 05 19 16-0077 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.86                      |                         |
| 04 05 19 16-0078 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor | 2.98                      |                         |
| 04 05 19 16-0079 Mill Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)                             |                           |                         |
| 04 05 19 16-0080 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.04                      |                         |
| 04 05 19 16-0081 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.12                      |                         |
| 04 05 19 16-0082 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.19                      |                         |
| 04 05 19 16-0083 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.27                      |                         |
| 04 05 19 16-0084 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.35                      |                         |
| 04 05 19 16-0085 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.11                      |                         |
| 04 05 19 16-0086 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.19                      |                         |
| 04 05 19 16-0087 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.28                      |                         |
| 04 05 19 16-0088 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.36                      |                         |
| 04 05 19 16-0089 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor       | 2.45                      |                         |
| 04 05 19 16-0090 Corrugated Wall Ties (04 05 19 16)                                                              |                           |                         |
| 04 05 19 16-0091 Hot-Dipped Galvanized, Corrugated Wall Ties (04 05 19 16-0090)                                  |                           |                         |
| 04 05 19 16-0092 EA 7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie                  | 1.02                      |                         |
| 04 05 19 16-0093 EA 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie                  | 1.11                      |                         |
| 04 05 19 16-0094 EA 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie                  | 1.15                      |                         |
| 04 05 19 16-0095 EA 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie                  | 1.18                      |                         |
| 04 05 19 16-0096 EA 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie                  | 1.48                      |                         |
| 04 05 19 16-0097 Mill Galvanized, Corrugated Wall Ties (04 05 19 16-0090)                                        |                           |                         |
| 04 05 19 16-0098 EA 7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie                        | 1.06                      |                         |
| 04 05 19 16-0099 EA 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie                        | 1.08                      |                         |
| 04 05 19 16-0100 EA 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie                        | 1.11                      |                         |
| 04 05 19 16-0101 EA 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie                        | 1.34                      |                         |
| 04 05 19 16-0102 Stainless Steel, Corrugated Wall Ties (04 05 19 16-0090)                                        |                           |                         |
| 04 05 19 16-0103 EA 7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie                        | 1.33                      |                         |
| 04 05 19 16-0104 EA 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie                        | 1.39                      |                         |
| 04 05 19 16-0105 EA 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie                        | 1.46                      |                         |
| 04 05 19 16-0106 EA 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie                        | 1.52                      |                         |
| 04 05 19 16-0107 EA 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie                        | 1.85                      |                         |
| 04 05 19 16-0108 Wire Mesh Wall Ties (04 05 19 16)                                                               |                           |                         |
| Note: 1/2" square mesh.                                                                                          |                           |                         |
| 04 05 19 16-0109 EA 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                     | 2.26                      |                         |
| 04 05 19 16-0110 EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                    | 2.83                      |                         |
| 04 05 19 16-0111 EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                     | 3.42                      |                         |
| 04 05 19 16-0112 EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                    | 4.50                      |                         |
| 04 05 19 16-0113 EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                    | 4.11                      |                         |
| 04 05 19 16-0114 EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie                   | 5.25                      |                         |
| 04 05 19 16-0115 Triangle Brick Ties (04 05 19 16)                                                               |                           |                         |
| 04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties (04 05 19 16-0115)                                   |                           |                         |
| 04 05 19 16-0117 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 1.97                      |                         |
| 04 05 19 16-0118 EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                     | 2.02                      |                         |
| 04 05 19 16-0119 EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 2.07                      |                         |
| 04 05 19 16-0120 EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                     | 2.16                      |                         |
| 04 05 19 16-0121 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 2.21                      |                         |
| 04 05 19 16-0122 EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 2.34                      |                         |
| 04 05 19 16-0123 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 2.44                      |                         |
| 04 05 19 16-0124 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                         | 2.67                      |                         |
| 04 05 19 16-0125 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 2.46                      |                         |
| 04 05 19 16-0126 EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                      | 2.49                      |                         |
| 04 05 19 16-0127 EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 2.53                      |                         |
| 04 05 19 16-0128 EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                      | 2.61                      |                         |
| 04 05 19 16-0129 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 2.65                      |                         |
| 04 05 19 16-0130 EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 2.77                      |                         |
| 04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 2.85                      |                         |
| 04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie                          | 3.09                      |                         |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                                                       |      |
|-------------------------|----|-------------------------------------------------------------------------------------------------------|------|
| <b>04 05 19 16-0133</b> |    | <b>Mill Galvanized, Triangle Brick Ties</b> (04 05 19 16-0115)                                        |      |
| 04 05 19 16-0134        | EA | 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 1.74 |
| 04 05 19 16-0135        | EA | 3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                               | 1.75 |
| 04 05 19 16-0136        | EA | 4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 1.77 |
| 04 05 19 16-0137        | EA | 4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                               | 1.84 |
| 04 05 19 16-0138        | EA | 5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 1.85 |
| 04 05 19 16-0139        | EA | 6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 1.93 |
| 04 05 19 16-0140        | EA | 7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 1.96 |
| 04 05 19 16-0141        | EA | 9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....                                   | 2.04 |
| 04 05 19 16-0142        | EA | 3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.02 |
| 04 05 19 16-0143        | EA | 3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                | 2.05 |
| 04 05 19 16-0144        | EA | 4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.08 |
| 04 05 19 16-0145        | EA | 4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                | 2.16 |
| 04 05 19 16-0146        | EA | 5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.18 |
| 04 05 19 16-0147        | EA | 6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.27 |
| 04 05 19 16-0148        | EA | 7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.32 |
| 04 05 19 16-0149        | EA | 9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....                                    | 2.46 |
| <b>04 05 19 16-0150</b> |    | <b>Seismic Veneer Anchors</b> (04 05 19 16)                                                           |      |
| 04 05 19 16-0151        | EA | 3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor.....                        | 6.08 |
|                         |    | Note: For horizontal wire attachment. Excludes wire.                                                  |      |
| <b>04 05 19 16-0152</b> |    | <b>Slip-Set, Joint Stabilization Anchors</b> (04 05 19 16)                                            |      |
|                         |    | Note: For restraining lateral movement at control joints. Field bendable.                             |      |
| 04 05 19 16-0153        | EA | 9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor.....               | 7.93 |
| 04 05 19 16-0154        | EA | 9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor.....         | 8.63 |
| 04 05 19 16-0155        | EA | 9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....               | 6.08 |
| <b>04 05 19 16-0156</b> |    | <b>Strap Partition Top Anchors</b> (04 05 19 16)                                                      |      |
| 04 05 19 16-0157        | EA | 12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor.....                            | 4.40 |
| 04 05 19 16-0158        | EA | 12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor.....                                  | 6.40 |
| <b>04 05 19 16-0159</b> |    | <b>Rigid Partition Anchors</b> (04 05 19 16)                                                          |      |
| <b>04 05 19 16-0160</b> |    | <b>Hot-Dipped Galvanized, Rigid Partition Anchors</b> (04 05 19 16-0159)                              |      |
| 04 05 19 16-0161        | EA | 1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....     | 3.02 |
| 04 05 19 16-0162        | EA | 1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 3.32 |
| 04 05 19 16-0163        | EA | 1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 3.69 |
| 04 05 19 16-0164        | EA | 1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 4.03 |
| 04 05 19 16-0165        | EA | 2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....     | 4.36 |
| 04 05 19 16-0166        | EA | 2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 4.70 |
| 04 05 19 16-0167        | EA | 1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....     | 4.37 |
| 04 05 19 16-0168        | EA | 1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 5.44 |
| 04 05 19 16-0169        | EA | 1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 6.52 |
| 04 05 19 16-0170        | EA | 1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 7.60 |
| 04 05 19 16-0171        | EA | 2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....     | 8.67 |
| 04 05 19 16-0172        | EA | 2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor..... | 9.75 |
| <b>04 05 19 16-0173</b> |    | <b>Mill Galvanized, Rigid Partition Anchors</b> (04 05 19 16-0159)                                    |      |
| 04 05 19 16-0174        | EA | 1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....           | 2.72 |
| 04 05 19 16-0175        | EA | 1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....       | 2.98 |
| 04 05 19 16-0176        | EA | 1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....       | 3.25 |
| 04 05 19 16-0177        | EA | 1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....       | 3.51 |
| 04 05 19 16-0178        | EA | 2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....           | 3.77 |
| 04 05 19 16-0179        | EA | 2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....       | 4.03 |
| <b>04 05 19 16-0180</b> |    | <b>Screw-On Masonry Veneer Anchor Plates</b> (04 05 19 16)                                            |      |
| 04 05 19 16-0181        | EA | 12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....                            | 1.93 |
| 04 05 19 16-0182        | EA | 14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....                            | 2.05 |
| <b>04 05 19 16-0183</b> |    | <b>Wire Column Ties</b> (04 05 19 16)                                                                 |      |
| <b>04 05 19 16-0184</b> |    | <b>Hot-Dipped Galvanized, Wire Column Ties</b> (04 05 19 16-0183)                                     |      |
| 04 05 19 16-0185        | EA | 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                                | 2.40 |
| 04 05 19 16-0186        | EA | 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                                | 2.58 |
| 04 05 19 16-0187        | EA | 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                                | 2.71 |
| 04 05 19 16-0188        | EA | 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                                | 2.89 |
| 04 05 19 16-0189        | EA | 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                               | 2.55 |
| 04 05 19 16-0190        | EA | 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                               | 2.71 |
| 04 05 19 16-0191        | EA | 14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                               | 2.82 |
| 04 05 19 16-0192        | EA | 16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....                               | 2.94 |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 05 19 16-0193 | EA  |     | 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                        | 3.34                   |                      |
| 04 05 19 16-0194 | EA  |     | 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                        | 3.65                   |                      |
| 04 05 19 16-0195 | EA  |     | 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                        | 3.86                   |                      |
| 04 05 19 16-0196 | EA  |     | 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                        | 4.15                   |                      |
| 04 05 19 16-0197 | EA  |     | 10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                       | 3.65                   |                      |
| 04 05 19 16-0198 | EA  |     | 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                       | 3.86                   |                      |
| 04 05 19 16-0199 | EA  |     | 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                       | 4.04                   |                      |
| 04 05 19 16-0200 | EA  |     | 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....                       | 4.24                   |                      |
| 04 05 19 16-0201 |     |     | Mill Galvanized, Wire Column Ties (04 05 19 16-0183)                                          |                        |                      |
| 04 05 19 16-0202 | EA  |     | 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                             | 2.08                   |                      |
| 04 05 19 16-0203 | EA  |     | 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                             | 2.19                   |                      |
| 04 05 19 16-0204 | EA  |     | 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                             | 2.26                   |                      |
| 04 05 19 16-0205 | EA  |     | 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                             | 2.37                   |                      |
| 04 05 19 16-0206 | EA  |     | 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                            | 2.13                   |                      |
| 04 05 19 16-0207 | EA  |     | 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                            | 2.24                   |                      |
| 04 05 19 16-0208 | EA  |     | 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                            | 2.31                   |                      |
| 04 05 19 16-0209 | EA  |     | 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....                            | 2.40                   |                      |
| 04 05 19 16-0210 | EA  |     | 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                              | 2.78                   |                      |
| 04 05 19 16-0211 | EA  |     | 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                              | 2.98                   |                      |
| 04 05 19 16-0212 | EA  |     | 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                              | 3.07                   |                      |
| 04 05 19 16-0213 | EA  |     | 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                              | 3.27                   |                      |
| 04 05 19 16-0214 | EA  |     | 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                             | 2.69                   |                      |
| 04 05 19 16-0215 | EA  |     | 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                             | 3.03                   |                      |
| 04 05 19 16-0216 | EA  |     | 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                             | 3.16                   |                      |
| 04 05 19 16-0217 | EA  |     | 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....                             | 3.27                   |                      |
| 04 05 19 16-0218 |     |     | Dovetail Anchors, Slots And Ties (04 05 19 16)                                                |                        |                      |
| 04 05 19 16-0219 |     |     | Dovetail Anchor Slots (04 05 19 16-0218)                                                      |                        |                      |
| 04 05 19 16-0220 |     |     | Hot-Dipped Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)                                |                        |                      |
| 04 05 19 16-0221 | LF  |     | 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....                                   | 4.47                   |                      |
| 04 05 19 16-0222 | LF  |     | 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....                                   | 5.00                   |                      |
| 04 05 19 16-0223 | LF  |     | 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....                                   | 5.31                   |                      |
| 04 05 19 16-0224 | LF  |     | 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....                                   | 5.46                   |                      |
| 04 05 19 16-0225 | LF  |     | 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....                                   | 5.82                   |                      |
| 04 05 19 16-0226 |     |     | Mill Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)                                      |                        |                      |
| 04 05 19 16-0227 | LF  |     | 24 Gauge, Mill Galvanized, Dovetail Anchor Slot .....                                         | 3.42                   |                      |
| 04 05 19 16-0228 | LF  |     | 22 Gauge, Mill Galvanized, Dovetail Anchor Slot .....                                         | 4.09                   |                      |
| 04 05 19 16-0229 | LF  |     | 20 Gauge, Mill Galvanized, Dovetail Anchor Slot .....                                         | 4.24                   |                      |
| 04 05 19 16-0230 | LF  |     | 18 Gauge, Mill Galvanized, Dovetail Anchor Slot .....                                         | 4.47                   |                      |
| 04 05 19 16-0231 | LF  |     | 16 Gauge, Mill Galvanized, Dovetail Anchor Slot .....                                         | 4.62                   |                      |
| 04 05 19 16-0232 |     |     | 304 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)                                  |                        |                      |
| 04 05 19 16-0233 | LF  |     | 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....                                     | 3.98                   |                      |
| 04 05 19 16-0234 | LF  |     | 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....                                     | 4.42                   |                      |
| 04 05 19 16-0235 | LF  |     | 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....                                     | 4.57                   |                      |
| 04 05 19 16-0236 | LF  |     | 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....                                     | 5.07                   |                      |
| 04 05 19 16-0237 | LF  |     | 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....                                     | 5.55                   |                      |
| 04 05 19 16-0238 |     |     | 316 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)                                  |                        |                      |
| 04 05 19 16-0239 | LF  |     | 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....                                     | 4.32                   |                      |
| 04 05 19 16-0240 | LF  |     | 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....                                     | 4.66                   |                      |
| 04 05 19 16-0241 | LF  |     | 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....                                     | 4.99                   |                      |
| 04 05 19 16-0242 | LF  |     | 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....                                     | 5.42                   |                      |
| 04 05 19 16-0243 | LF  |     | 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....                                     | 5.67                   |                      |
| 04 05 19 16-0244 |     |     | Dovetail Corrugated Brick Ties (04 05 19 16-0218)                                             |                        |                      |
| 04 05 19 16-0245 |     |     | Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)                       |                        |                      |
| 04 05 19 16-0246 | EA  |     | 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.38                   |                      |
| 04 05 19 16-0247 | EA  |     | 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.55                   |                      |
| 04 05 19 16-0248 | EA  |     | 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.72                   |                      |
| 04 05 19 16-0249 | EA  |     | 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.42                   |                      |
| 04 05 19 16-0250 | EA  |     | 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.74                   |                      |
| 04 05 19 16-0251 | EA  |     | 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.98                   |                      |
| 04 05 19 16-0252 | EA  |     | 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.51                   |                      |
| 04 05 19 16-0253 | EA  |     | 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.73                   |                      |
| 04 05 19 16-0254 | EA  |     | 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie ..... | 1.95                   |                      |
| 04 05 19 16-0255 |     |     | Mill Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)                             |                        |                      |
| 04 05 19 16-0256 | EA  |     | 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....       | 1.23                   |                      |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                        |      |
|------------------|----|----------------------------------------------------------------------------------------|------|
| 04 05 19 16-0257 | EA | 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.33 |
| 04 05 19 16-0258 | EA | 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.44 |
| 04 05 19 16-0259 | EA | 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.31 |
| 04 05 19 16-0260 | EA | 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.52 |
| 04 05 19 16-0261 | EA | 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.69 |
| 04 05 19 16-0262 | EA | 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.35 |
| 04 05 19 16-0263 | EA | 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.60 |
| 04 05 19 16-0264 | EA | 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie..... | 1.77 |

**04 05 19 16-0265 Dovetail Stone Anchors** (04 05 19 16-0218)**04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors** (04 05 19 16-0265)

|                  |    |                                                                                      |      |
|------------------|----|--------------------------------------------------------------------------------------|------|
| 04 05 19 16-0267 | EA | 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor..... | 1.74 |
| 04 05 19 16-0268 | EA | 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor..... | 1.91 |
| 04 05 19 16-0269 | EA | 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor..... | 2.09 |

**04 05 19 16-0270 Dovetail Partition Top Anchors** (04 05 19 16-0218)

|                  |    |                                                                     |      |
|------------------|----|---------------------------------------------------------------------|------|
| 04 05 19 16-0271 | EA | 3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor..... | 4.55 |
| 04 05 19 16-0272 | EA | 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....       | 6.88 |

**04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties** (04 05 19 16-0218)**04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties** (04 05 19 16-0273)

|                  |    |                                                                                             |      |
|------------------|----|---------------------------------------------------------------------------------------------|------|
| 04 05 19 16-0275 | EA | 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.67 |
| 04 05 19 16-0276 | EA | 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.90 |
| 04 05 19 16-0277 | EA | 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie..... | 3.05 |
| 04 05 19 16-0278 | EA | 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie..... | 3.21 |

**04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties** (04 05 19 16-0273)

|                  |    |                                                                                       |      |
|------------------|----|---------------------------------------------------------------------------------------|------|
| 04 05 19 16-0280 | EA | 3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.35 |
| 04 05 19 16-0281 | EA | 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.37 |
| 04 05 19 16-0282 | EA | 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.47 |
| 04 05 19 16-0283 | EA | 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie..... | 2.72 |

**04 05 19 26 Masonry Reinforcing Bars** (04 05 19)

Note: Includes cutting and bending.

**04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar** (04 05 19 26)

|                  |    |                                                                       |      |
|------------------|----|-----------------------------------------------------------------------|------|
| 04 05 19 26-0002 | LF | #3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 0.99 |
| 04 05 19 26-0003 | LF | #4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 1.63 |
| 04 05 19 26-0004 | LF | #5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 2.29 |
| 04 05 19 26-0005 | LF | #6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 3.00 |
| 04 05 19 26-0006 | LF | #3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 1.01 |
| 04 05 19 26-0007 | LF | #4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 1.65 |
| 04 05 19 26-0008 | LF | #5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 2.33 |
| 04 05 19 26-0009 | LF | #6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 3.05 |
| 04 05 19 26-0010 | LF | #3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 1.03 |
| 04 05 19 26-0011 | LF | #4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 1.69 |
| 04 05 19 26-0012 | LF | #5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 2.39 |
| 04 05 19 26-0013 | LF | #6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar..... | 3.14 |
| 04 05 19 26-0014 | LF | #3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.17 |
| 04 05 19 26-0015 | LF | #4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.90 |
| 04 05 19 26-0016 | LF | #5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 2.67 |
| 04 05 19 26-0017 | LF | #6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 3.46 |
| 04 05 19 26-0018 | LF | #3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.19 |
| 04 05 19 26-0019 | LF | #4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.92 |
| 04 05 19 26-0020 | LF | #5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 2.71 |
| 04 05 19 26-0021 | LF | #6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 3.51 |
| 04 05 19 26-0022 | LF | #3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.21 |
| 04 05 19 26-0023 | LF | #4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 1.96 |
| 04 05 19 26-0024 | LF | #5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 2.77 |
| 04 05 19 26-0025 | LF | #6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....   | 3.60 |

**04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar** (04 05 19 26)

|                  |    |                                                                                  |      |
|------------------|----|----------------------------------------------------------------------------------|------|
| 04 05 19 26-0027 | LF | #3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.14 |
| 04 05 19 26-0028 | LF | #4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.89 |
| 04 05 19 26-0029 | LF | #5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 2.70 |
| 04 05 19 26-0030 | LF | #6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 3.59 |
| 04 05 19 26-0031 | LF | #3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.16 |
| 04 05 19 26-0032 | LF | #4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.92 |
| 04 05 19 26-0033 | LF | #5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 2.74 |
| 04 05 19 26-0034 | LF | #6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 3.65 |
| 04 05 19 26-0035 | LF | #3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.18 |
| 04 05 19 26-0036 | LF | #4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 1.96 |
| 04 05 19 26-0037 | LF | #5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar..... | 2.81 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 05 19 26-0038 | LF  |     | #6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar .....  | 3.74                   |                      |
| 04 05 19 26-0039 | LF  |     | #3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 1.32                   |                      |
| 04 05 19 26-0040 | LF  |     | #4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 2.16                   |                      |
| 04 05 19 26-0041 | LF  |     | #5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 3.08                   |                      |
| 04 05 19 26-0042 | LF  |     | #6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 4.05                   |                      |
| 04 05 19 26-0043 | LF  |     | #3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 1.34                   |                      |
| 04 05 19 26-0044 | LF  |     | #4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 2.19                   |                      |
| 04 05 19 26-0045 | LF  |     | #5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 3.12                   |                      |
| 04 05 19 26-0046 | LF  |     | #6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 4.11                   |                      |
| 04 05 19 26-0047 | LF  |     | #3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 1.36                   |                      |
| 04 05 19 26-0048 | LF  |     | #4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 2.23                   |                      |
| 04 05 19 26-0049 | LF  |     | #5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 3.19                   |                      |
| 04 05 19 26-0050 | LF  |     | #6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....    | 4.20                   |                      |
| 04 05 19 26-0051 |     |     | Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)                               |                        |                      |
| 04 05 19 26-0052 | LF  |     | #3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.12                   |                      |
| 04 05 19 26-0053 | LF  |     | #4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.86                   |                      |
| 04 05 19 26-0054 | LF  |     | #5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 2.66                   |                      |
| 04 05 19 26-0055 | LF  |     | #6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 3.53                   |                      |
| 04 05 19 26-0056 | LF  |     | #3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.14                   |                      |
| 04 05 19 26-0057 | LF  |     | #4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.89                   |                      |
| 04 05 19 26-0058 | LF  |     | #5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 2.70                   |                      |
| 04 05 19 26-0059 | LF  |     | #6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 3.59                   |                      |
| 04 05 19 26-0060 | LF  |     | #3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.16                   |                      |
| 04 05 19 26-0061 | LF  |     | #4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 1.93                   |                      |
| 04 05 19 26-0062 | LF  |     | #5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 2.76                   |                      |
| 04 05 19 26-0063 | LF  |     | #6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar .....      | 3.67                   |                      |
| 04 05 19 26-0064 | LF  |     | #3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 1.30                   |                      |
| 04 05 19 26-0065 | LF  |     | #4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 2.13                   |                      |
| 04 05 19 26-0066 | LF  |     | #5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 3.04                   |                      |
| 04 05 19 26-0067 | LF  |     | #6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 3.99                   |                      |
| 04 05 19 26-0068 | LF  |     | #3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 1.32                   |                      |
| 04 05 19 26-0069 | LF  |     | #4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 2.16                   |                      |
| 04 05 19 26-0070 | LF  |     | #5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 3.08                   |                      |
| 04 05 19 26-0071 | LF  |     | #6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 4.05                   |                      |
| 04 05 19 26-0072 | LF  |     | #3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 1.34                   |                      |
| 04 05 19 26-0073 | LF  |     | #4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 2.20                   |                      |
| 04 05 19 26-0074 | LF  |     | #5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 3.14                   |                      |
| 04 05 19 26-0075 | LF  |     | #6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar .....        | 4.13                   |                      |
| 04 05 23         |     |     | Masonry Accessories (04 05)                                                        |                        |                      |
| 04 05 23 13      |     |     | Masonry Control and Expansion Joints (04 05 23)                                    |                        |                      |
| 04 05 23 13-0001 |     |     | Masonry Control Joints (04 05 23 13)                                               |                        |                      |
| 04 05 23 13-0002 |     |     | Rubber, Masonry Control Joints (04 05 23 13-0001)                                  |                        |                      |
| 04 05 23 13-0003 | LF  |     | 1-5/8" Width, T-Style, Rubber, Masonry Control Joint .....                         | 7.01                   | 0.91                 |
| 04 05 23 13-0004 | LF  |     | 2-5/8" Width, Rubber, Masonry Control Joint .....                                  | 6.79                   | 0.91                 |
| 04 05 23 13-0005 | LF  |     | 6-7/8" Width, Rubber, Masonry Control Joint .....                                  | 14.92                  | 0.91                 |
| 04 05 23 13-0006 |     |     | Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)                |                        |                      |
| 04 05 23 13-0007 | LF  |     | 1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint .....       | 3.94                   | 0.91                 |
| 04 05 23 13-0008 | LF  |     | 2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....                | 4.12                   | 0.91                 |
| 04 05 23 13-0009 | LF  |     | 4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....                | 5.21                   | 0.91                 |
| 04 05 23 13-0010 | LF  |     | 6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....                | 5.74                   | 0.91                 |
| 04 05 23 13-0011 | LF  |     | 11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....               | 5.35                   | 0.91                 |
| 04 05 23 16      |     |     | Masonry Embedded Flashing (04 05 23)                                               |                        |                      |
| 04 05 23 16-0001 |     |     | Lead Coated Copper Through Wall Flashing (04 05 23 16)                             |                        |                      |
| 04 05 23 16-0002 |     |     | Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001) |                        |                      |
| 04 05 23 16-0003 | SF  |     | 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 9.83                   | 1.78                 |
| 04 05 23 16-0004 | SF  |     | 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 10.95                  | 1.78                 |
| 04 05 23 16-0005 | SF  |     | 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 14.04                  | 1.78                 |
| 04 05 23 16-0006 | SF  |     | 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 16.77                  | 1.78                 |
| 04 05 23 16-0007 |     |     | Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001) |                        |                      |
| 04 05 23 16-0008 | SF  |     | 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 10.92                  | 1.78                 |
| 04 05 23 16-0009 | SF  |     | 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 11.92                  | 1.78                 |
| 04 05 23 16-0010 | SF  |     | 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 15.49                  | 1.78                 |
| 04 05 23 16-0011 | SF  |     | 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....     | 18.78                  | 1.78                 |

**04 Masonry****04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                            |        |      |
|------------------|----|------------------------------------------------------------------------------------------------------------|--------|------|
| 04 05 23 16-0012 |    | Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)                          |        |      |
| 04 05 23 16-0013 | SF | 2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....                              | 10.08  | 1.78 |
| 04 05 23 16-0014 | SF | 3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....                              | 11.48  | 1.78 |
| 04 05 23 16-0015 | SF | 5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....                              | 13.48  | 1.78 |
| 04 05 23 16-0016 | SF | 7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....                              | 17.66  | 1.78 |
| 04 05 23 16-0017 |    | Stainless Steel Through Wall Flashing (04 05 23 16)                                                        |        |      |
| 04 05 23 16-0018 |    | Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0017)                             |        |      |
| 04 05 23 16-0019 | SF | 0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing .....                             | 7.20   | 1.66 |
| 04 05 23 16-0020 |    | Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)                                               |        |      |
| 04 05 23 16-0021 | SF | 0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....                                    | 4.53   | 1.84 |
| 04 05 23 16-0022 | SF | 0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....                                    | 4.87   | 1.84 |
| 04 05 23 16-0023 | SF | 0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....                                    | 5.26   | 1.84 |
| 04 05 23 16-0024 | SF | 0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....                                    | 6.55   | 1.84 |
| 04 05 23 16-0025 |    | Copper Through Wall Flashing (04 05 23 16)                                                                 |        |      |
| 04 05 23 16-0026 |    | 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)                                  |        |      |
| 04 05 23 16-0027 | SF | 2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....                                      | 8.15   | 1.66 |
| 04 05 23 16-0028 | SF | 3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....                                      | 8.98   | 1.66 |
| 04 05 23 16-0029 | SF | 5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....                                      | 11.25  | 1.66 |
| 04 05 23 16-0030 | SF | 7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....                                      | 13.25  | 1.66 |
| 04 05 23 16-0031 | SF | 10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....                                     | 14.10  | 1.66 |
| 04 05 23 16-0032 |    | 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)                             |        |      |
| 04 05 23 16-0033 | SF | 2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....                                 | 8.97   | 1.66 |
| 04 05 23 16-0034 | SF | 3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....                                 | 9.69   | 1.66 |
| 04 05 23 16-0035 | SF | 5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....                                 | 12.31  | 1.66 |
| 04 05 23 16-0036 | SF | 7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....                                 | 14.71  | 1.66 |
| 04 05 23 16-0037 | SF | 10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....                                | 16.13  | 1.66 |
| 04 05 23 16-0038 |    | 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)                               |        |      |
| 04 05 23 16-0039 | SF | 2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                   | 8.24   | 1.66 |
| 04 05 23 16-0040 | SF | 3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                   | 9.08   | 1.66 |
| 04 05 23 16-0041 | SF | 5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                   | 11.33  | 1.66 |
| 04 05 23 16-0042 | SF | 7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                   | 13.33  | 1.66 |
| 04 05 23 16-0043 | SF | 10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                  | 14.18  | 1.66 |
| 04 05 23 16-0044 |    | 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)                              |        |      |
| 04 05 23 16-0045 | SF | 2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                  | 8.36   | 1.66 |
| 04 05 23 16-0046 | SF | 3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                  | 9.36   | 1.66 |
| 04 05 23 16-0047 | SF | 5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                  | 10.84  | 1.66 |
| 04 05 23 16-0048 | SF | 7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                  | 13.90  | 1.66 |
| 04 05 23 16-0049 | SF | 10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....                                 | 9.28   | 1.66 |
| 04 05 23 16-0050 |    | 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025) |        |      |
| 04 05 23 16-0051 | SF | 3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....     | 11.71  | 1.66 |
| 04 05 23 16-0052 | SF | 5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....     | 14.74  | 1.66 |
| 04 05 23 16-0053 |    | 2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0025)                                         |        |      |
|                  |    | Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.                                  |        |      |
| 04 05 23 16-0054 | SF | 3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....                                             | 9.96   | 1.66 |
| 04 05 23 16-0055 | SF | 5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....                                             | 12.67  | 1.66 |
| 04 05 23 19      |    | Masonry Cavity Drainage, Weepholes, and Vents (04 05 23)                                                   |        |      |
| 04 05 23 19-0001 |    | Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)                                                     |        |      |
|                  |    | Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.                         |        |      |
| 04 05 23 19-0002 | EA | 8-1/8" x 2-3/8" Aluminum Brick Vent .....                                                                  | 77.25  |      |
| 04 05 23 19-0003 | EA | 8-1/8" x 4-3/4" Aluminum Brick Vent .....                                                                  | 96.18  |      |
| 04 05 23 19-0004 | EA | 8-1/8" x 7-3/4" Aluminum Brick Vent .....                                                                  | 122.10 |      |
| 04 05 23 19-0005 | EA | 12" x 2-3/8" Aluminum Brick Vent .....                                                                     | 96.04  |      |
| 04 05 23 19-0006 | EA | 12" x 4-3/4" Aluminum Brick Vent .....                                                                     | 119.16 |      |
| 04 05 23 19-0007 | EA | 12" x 7-3/4" Aluminum Brick Vent .....                                                                     | 151.65 |      |
| 04 05 23 19-0008 | EA | 16-1/2" x 2-3/8" Aluminum Brick Vent .....                                                                 | 114.54 |      |
| 04 05 23 19-0009 | EA | 16-1/2" x 4-3/4" Aluminum Brick Vent .....                                                                 | 156.56 |      |
| 04 05 23 19-0010 | EA | 16-1/2" x 7-3/4" Aluminum Brick Vent .....                                                                 | 192.72 |      |



| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

|                  |    |                                       |        |
|------------------|----|---------------------------------------|--------|
| 04 05 23 19-0011 | EA | 24" x 2-3/8" Aluminum Brick Vent..... | 158.40 |
| 04 05 23 19-0012 | EA | 24" x 4-3/4" Aluminum Brick Vent..... | 206.81 |
| 04 05 23 19-0013 | EA | 24" x 7-3/4" Aluminum Brick Vent..... | 256.00 |

## 04 20 Unit Masonry <sup>(04)</sup>

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

### 04 21 Clay Unit Masonry <sup>(04 20)</sup>

#### 04 21 13 Brick Masonry <sup>(04 21)</sup>

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

##### 04 21 13 00-0001 Brick Masonry <sup>(04 21 13)</sup>

|                                                                               |    |                                                     |       |
|-------------------------------------------------------------------------------|----|-----------------------------------------------------|-------|
| 04 21 13 00-0002                                                              | SF | Standard Size Red Brick, Running Bond.....          | 24.18 |
| Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)             |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 0.96  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.74  |
| For English Bond, Add                                                         |    |                                                     | 1.47  |
| For Flemish Bond, Add                                                         |    |                                                     | 3.05  |
| For Stacked Bond, Add                                                         |    |                                                     | 2.13  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 27.89 |
| For Curved Wall, Add                                                          |    |                                                     | 3.68  |
| For Corbels, Add                                                              |    |                                                     | 13.80 |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 0.87  |
| For Glazed Brick, Add                                                         |    |                                                     | 20.23 |
| 04 21 13 00-0003                                                              | SF | Engineer Standard Size Red Brick, Running Bond..... | 25.14 |
| Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)    |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 1.19  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.72  |
| For English Bond, Add                                                         |    |                                                     | 1.44  |
| For Flemish Bond, Add                                                         |    |                                                     | 3.06  |
| For Stacked Bond, Add                                                         |    |                                                     | 2.16  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 27.33 |
| For Curved Wall, Add                                                          |    |                                                     | 3.60  |
| For Corbels, Add                                                              |    |                                                     | 13.49 |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 1.07  |
| For Glazed Brick, Add                                                         |    |                                                     | 25.06 |
| 04 21 13 00-0004                                                              | SF | Modular Size Red Brick, Running Bond.....           | 24.18 |
| Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)          |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 0.96  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.74  |
| For English Bond, Add                                                         |    |                                                     | 1.47  |
| For Flemish Bond, Add                                                         |    |                                                     | 3.05  |
| For Stacked Bond, Add                                                         |    |                                                     | 2.13  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 27.89 |
| For Curved Wall, Add                                                          |    |                                                     | 3.68  |
| For Corbels, Add                                                              |    |                                                     | 13.80 |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 0.87  |
| For Glazed Brick, Add                                                         |    |                                                     | 20.23 |
| 04 21 13 00-0005                                                              | SF | Engineer Modular Size Red Brick, Running Bond.....  | 25.14 |
| Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF) |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 1.19  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.72  |
| For English Bond, Add                                                         |    |                                                     | 1.44  |
| For Flemish Bond, Add                                                         |    |                                                     | 3.06  |
| For Stacked Bond, Add                                                         |    |                                                     | 2.16  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 27.33 |
| For Curved Wall, Add                                                          |    |                                                     | 3.60  |
| For Corbels, Add                                                              |    |                                                     | 13.49 |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 1.07  |
| For Glazed Brick, Add                                                         |    |                                                     | 25.06 |
| 04 21 13 00-0006                                                              | SF | Economy Size Red Brick, Running Bond.....           | 24.95 |
| Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)           |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 1.16  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.72  |
| For English Bond, Add                                                         |    |                                                     | 1.44  |
| For Flemish Bond, Add                                                         |    |                                                     | 3.05  |
| For Stacked Bond, Add                                                         |    |                                                     | 2.15  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 27.32 |
| For Curved Wall, Add                                                          |    |                                                     | 3.60  |
| For Corbels, Add                                                              |    |                                                     | 13.49 |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 1.05  |
| For Glazed Brick, Add                                                         |    |                                                     | 24.40 |
| 04 21 13 00-0007                                                              | SF | Utility Size Red Brick, Running Bond.....           | 18.53 |
| Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)          |    |                                                     |       |
| For Buff Or Gray, Add                                                         |    |                                                     | 1.00  |
| For Common Or American Bond, Add                                              |    |                                                     | 0.50  |
| For English Bond, Add                                                         |    |                                                     | 1.00  |
| For Flemish Bond, Add                                                         |    |                                                     | 2.18  |
| For Stacked Bond, Add                                                         |    |                                                     | 1.55  |
| For <10, Small Area Replacements (Individual Areas), Add                      |    |                                                     | 19.14 |
| For Curved Wall, Add                                                          |    |                                                     | 2.51  |
| For Corbels, Add                                                              |    |                                                     | 9.42  |
| For Severe Weather (SW) Brick, Add                                            |    |                                                     | 0.90  |
| For Glazed Brick, Add                                                         |    |                                                     | 20.90 |

**04 Masonry**  
**04 20 Unit Masonry**  
**04 21 Clay Unit Masonry**



| MINOR            | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------|------------------------|----------------------|
| 04 21 13 00-0008 | SF  |     | Double Utility Size Red Brick, Running Bond.....                               | 16.74                  |                      |
|                  |     |     | Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)    |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.70                   |                      |
|                  |     |     | For Common Or American Bond, Add                                               | 0.50                   |                      |
|                  |     |     | For English Bond, Add                                                          | 1.00                   |                      |
|                  |     |     | For Flemish Bond, Add                                                          | 2.09                   |                      |
|                  |     |     | For Stacked Bond, Add                                                          | 1.47                   |                      |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                       | 19.05                  |                      |
|                  |     |     | For Curved Wall, Add                                                           | 2.51                   |                      |
|                  |     |     | For Corbels, Add                                                               | 9.42                   |                      |
|                  |     |     | For Severe Weather (SW) Brick, Add                                             | 0.63                   |                      |
|                  |     |     | For Glazed Brick, Add                                                          | 14.63                  |                      |
| 04 21 13 00-0009 | SF  |     | Norman Size Red Brick, Running Bond.....                                       | 25.50                  |                      |
|                  |     |     | Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)            |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 1.25                   |                      |
|                  |     |     | For Common Or American Bond, Add                                               | 0.72                   |                      |
|                  |     |     | For English Bond, Add                                                          | 1.44                   |                      |
|                  |     |     | For Flemish Bond, Add                                                          | 3.07                   |                      |
|                  |     |     | For Stacked Bond, Add                                                          | 2.17                   |                      |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                       | 27.35                  |                      |
|                  |     |     | For Curved Wall, Add                                                           | 3.60                   |                      |
|                  |     |     | For Corbels, Add                                                               | 13.49                  |                      |
|                  |     |     | For Severe Weather (SW) Brick, Add                                             | 1.13                   |                      |
|                  |     |     | For Glazed Brick, Add                                                          | 26.32                  |                      |
| 04 21 13 00-0010 | SF  |     | Roman Size Red Brick, Running Bond.....                                        | 27.08                  |                      |
|                  |     |     | Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)             |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 1.52                   |                      |
|                  |     |     | For Common Or American Bond, Add                                               | 0.72                   |                      |
|                  |     |     | For English Bond, Add                                                          | 1.44                   |                      |
|                  |     |     | For Flemish Bond, Add                                                          | 3.15                   |                      |
|                  |     |     | For Stacked Bond, Add                                                          | 2.25                   |                      |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                       | 27.43                  |                      |
|                  |     |     | For Curved Wall, Add                                                           | 3.60                   |                      |
|                  |     |     | For Corbels, Add                                                               | 13.49                  |                      |
|                  |     |     | For Severe Weather (SW) Brick, Add                                             | 1.37                   |                      |
|                  |     |     | For Glazed Brick, Add                                                          | 31.85                  |                      |
| 04 21 13 00-0011 |     |     | <b>Fire Brick</b> (04 21 13)                                                   |                        |                      |
| 04 21 13 00-0012 | SF  |     | Running Bond, Red Fire Brick.....                                              | 28.67                  |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 1.78                   |                      |
|                  |     |     | For Common Or American Bond, Add                                               | 0.72                   |                      |
|                  |     |     | For English Bond, Add                                                          | 1.44                   |                      |
|                  |     |     | For Flemish Bond, Add                                                          | 3.23                   |                      |
|                  |     |     | For Stacked Bond, Add                                                          | 2.33                   |                      |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                       | 27.50                  |                      |
| 04 21 13 00-0013 |     |     | <b>Window Sill</b> (04 21 13)                                                  |                        |                      |
| 04 21 13 00-0014 | LF  |     | Standard Size Red Brick, Window Sill.....                                      | 21.37                  |                      |
|                  |     |     | Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.               |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.28                   |                      |
| 04 21 13 00-0015 | LF  |     | Engineer Standard Size Red Brick, Window Sill.....                             | 21.57                  |                      |
|                  |     |     | Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.      |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.31                   |                      |
| 04 21 13 00-0016 | LF  |     | Modular Size Red Brick, Window Sill.....                                       | 21.37                  |                      |
|                  |     |     | Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.            |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.28                   |                      |
| 04 21 13 00-0017 | LF  |     | Engineer Modular Size Red Brick, Window Sill.....                              | 21.70                  |                      |
|                  |     |     | Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.   |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.33                   |                      |
| 04 21 13 00-0018 | LF  |     | Economy Size Red Brick, Window Sill.....                                       | 22.57                  |                      |
|                  |     |     | Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.            |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.48                   |                      |
| 04 21 13 00-0019 | LF  |     | Utility Size Red Brick, Window Sill.....                                       | 22.75                  |                      |
|                  |     |     | Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.           |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.51                   |                      |
| 04 21 13 00-0020 | LF  |     | Double Utility Size Red Brick, Window Sill.....                                | 22.75                  |                      |
|                  |     |     | Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.    |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.51                   |                      |
| 04 21 13 00-0021 | LF  |     | Norman Size Red Brick, Window Sill.....                                        | 21.81                  |                      |
|                  |     |     | Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.            |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.35                   |                      |
| 04 21 13 00-0022 | LF  |     | Roman Size Red Brick, Window Sill.....                                         | 21.90                  |                      |
|                  |     |     | Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.             |                        |                      |
|                  |     |     | For Buff Or Gray, Add                                                          | 0.37                   |                      |
| 04 21 19         |     |     | <b>Clay Tile Masonry</b> (04 21)                                               |                        |                      |
| 04 21 19 00-0001 |     |     | <b>Scored Face, Hollow, Clay Backing Tile</b> (04 21 19)                       |                        |                      |
| 04 21 19 00-0002 |     |     | <b>Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> (04 21 19 00-0001) |                        |                      |
| 04 21 19 00-0003 | SF  |     | 4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile.....             | 22.17                  |                      |
|                  |     |     | For Smooth Face, One Side, Add                                                 | 1.40                   |                      |
|                  |     |     | For Smooth Face, Two Sides, Add                                                | 2.35                   |                      |



|  |  |                   |           |           |
|--|--|-------------------|-----------|-----------|
|  |  | <b>Masonry</b>    | <b>04</b> | <b>04</b> |
|  |  | Unit Masonry      | 04 20     |           |
|  |  | Clay Unit Masonry | 04 21     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 04 21 19 00-0004 | SF  |     | 6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>      | 24.11<br>1.55<br>2.62  |                      |
| 04 21 19 00-0005 | SF  |     | 8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>      | 27.08<br>1.80<br>3.06  |                      |
| 04 21 19 00-0006 | SF  |     | 10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>     | 37.37<br>2.77<br>4.80  |                      |
| 04 21 19 00-0007 | SF  |     | 12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>     | 49.24<br>3.87<br>6.75  |                      |
| 04 21 19 00-0008 |     |     | <b>Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> (04 21 19 00-0001)                                                                          |                        |                      |
| 04 21 19 00-0009 | SF  |     | 3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>  | 18.55<br>1.13<br>1.88  |                      |
| 04 21 19 00-0010 | SF  |     | 4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>  | 22.26<br>1.46<br>2.48  |                      |
| 04 21 19 00-0011 | SF  |     | 6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>  | 22.84<br>1.49<br>2.51  |                      |
| 04 21 19 00-0012 | SF  |     | 8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i>  | 35.07<br>2.65<br>4.59  |                      |
| 04 21 19 00-0013 | SF  |     | 12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile .....<br><i>For Smooth Face, One Side, Add</i><br><i>For Smooth Face, Two Sides, Add</i> | 47.90<br>3.83<br>6.70  |                      |
| 04 21 26         |     |     | <b>Glazed Structural Clay Tile Masonry</b> (04 21)<br>Note: Includes tile and mortar in all colors.                                                         |                        |                      |
| 04 21 26 00-0001 |     |     | <b>6T Series Structural Glazed Clay Tile</b> (04 21 26)                                                                                                     |                        |                      |
| 04 21 26 00-0002 |     |     | <b>Glazed On One Side 6T Series Structural Glazed Clay Tile</b> (04 21 26 00-0001)                                                                          |                        |                      |
| 04 21 26 00-0003 | SF  |     | 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" .....<br><i>For Stacked Bond, Add</i>                                                  | 30.81<br>1.96          |                      |
| 04 21 26 00-0004 | SF  |     | 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" .....<br><i>For Stacked Bond, Add</i>                                                  | 34.71<br>1.96          |                      |
| 04 21 26 00-0005 | SF  |     | 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" .....<br><i>For Stacked Bond, Add</i>                                                  | 42.68<br>2.05          |                      |
| 04 21 26 00-0006 |     |     | <b>Special Shapes 6T Series Structural Glazed Clay Tile</b> (04 21 26 00-0001)                                                                              |                        |                      |
| 04 21 26 00-0007 | LF  |     | Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile.....<br><i>For Stacked Bond, Add</i>                                                    | 32.05<br>2.32          |                      |
| 04 21 26 00-0008 | LF  |     | 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile.....<br><i>For Stacked Bond, Add</i>                                                               | 38.56<br>2.32          |                      |
| 04 21 26 00-0009 |     |     | <b>8W Series Structural Glazed Clay Tile</b> (04 21 26)                                                                                                     |                        |                      |
| 04 21 26 00-0010 |     |     | <b>Glazed On One Side 8W Series Structural Glazed Clay Tile</b> (04 21 26 00-0009)                                                                          |                        |                      |
| 04 21 26 00-0011 | SF  |     | 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" .....<br><i>For Stacked Bond, Add</i>                                                      | 24.41<br>1.25          |                      |
| 04 21 26 00-0012 | SF  |     | 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" .....<br><i>For Stacked Bond, Add</i>                                                      | 30.56<br>1.34          |                      |
| 04 21 26 00-0013 | SF  |     | 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" .....<br><i>For Stacked Bond, Add</i>                                                      | 42.55<br>1.43          |                      |
| 04 21 26 00-0014 |     |     | <b>Special Shapes 8W Series Structural Glazed Clay Tile</b> (04 21 26 00-0009)                                                                              |                        |                      |
| 04 21 26 00-0015 | LF  |     | Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile .....<br><i>For Stacked Bond, Add</i>                                                   | 33.49<br>1.60          |                      |
| 04 21 26 00-0016 | LF  |     | 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile.....<br><i>For Stacked Bond, Add</i>                                                               | 33.43<br>1.60          |                      |
| 04 21 26 00-0017 |     |     | <b>4W Series Structural Glazed Clay Tile</b> (04 21 26)                                                                                                     |                        |                      |
| 04 21 26 00-0018 |     |     | <b>Glazed On One Side 4W Series Structural Glazed Clay Tile</b> (04 21 26 00-0017)                                                                          |                        |                      |
| 04 21 26 00-0019 | SF  |     | 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....<br><i>For Stacked Bond, Add</i>                                                             | 32.28<br>1.96          |                      |
| 04 21 26 00-0020 | SF  |     | 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....<br><i>For Stacked Bond, Add</i>                                                             | 34.23<br>1.96          |                      |
| 04 21 26 00-0021 | SF  |     | 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....<br><i>For Stacked Bond, Add</i>                                                             | 42.92<br>2.05          |                      |
| 04 21 26 00-0022 |     |     | <b>Special Shapes 4W Series Structural Glazed Clay Tile</b> (04 21 26 00-0017)                                                                              |                        |                      |

**04 Masonry**  
**04 20 Unit Masonry**  
 04 21 Clay Unit Masonry



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 21 26 00-0023 | LF  |     | Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile .....<br><i>For Stacked Bond, Add</i>                                                                             | 33.24<br>2.32             |                         |
| 04 21 26 00-0024 | LF  |     | 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile.....<br><i>For Stacked Bond, Add</i>                                                                                         | 38.45<br>2.32             |                         |
| 04 21 26 00-0025 |     |     | <b>6T Series Sound Absorbing Structural Glazed Tile</b> (04 21 26)                                                                                                                    |                           |                         |
| 04 21 26 00-0026 | SF  |     | 4" Thick, 6T Sound Absorbing Structural Glazed Tile .....                                                                                                                             | 33.36                     |                         |
| 04 21 26 00-0027 | SF  |     | 6" Thick, 6T Sound Absorbing Structural Glazed Tile .....                                                                                                                             | 36.06                     |                         |
| 04 21 26 00-0028 | SF  |     | 8" Thick, 6T Sound Absorbing Structural Glazed Tile .....                                                                                                                             | 42.08                     |                         |
| 04 21 26 00-0029 |     |     | <b>8T Series Sound Absorbing Structural Glazed Tile</b> (04 21 26)                                                                                                                    |                           |                         |
| 04 21 26 00-0030 | SF  |     | 4" Thick, 8T Sound Absorbing Structural Glazed Tile .....                                                                                                                             | 37.72                     |                         |
| 04 21 26 00-0031 | SF  |     | 6" Thick, 8T Sound Absorbing Structural Glazed Tile .....                                                                                                                             | 42.68                     |                         |
| 04 21 26 00-0032 | SF  |     | 8" Thick, 8T Acoustical Glazed Tile .....                                                                                                                                             | 50.58                     |                         |
| 04 21 29         |     |     | <b>Terra Cotta Masonry</b> (04 21)                                                                                                                                                    |                           |                         |
| 04 21 29 00-0001 |     |     | <b>Coping</b> (04 21 29)<br>Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.                                                        |                           |                         |
| 04 21 29 00-0002 | SF  |     | Terra Cotta Coping .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                                                              | 102.95<br>3.68<br>7.19    | 37.64                   |
| 04 21 29 00-0003 |     |     | <b>Partition Or Back Up (Scored)</b> (04 21 29)                                                                                                                                       |                           |                         |
| 04 21 29 00-0004 |     |     | <b>Non-load Bearing, 12" x 12"</b> (04 21 29 00-0003)                                                                                                                                 |                           |                         |
| 04 21 29 00-0005 | SF  |     | 3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i> | 26.05<br>3.47<br>3.23     |                         |
| 04 21 29 00-0006 | SF  |     | 4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i> | 27.62<br>3.63<br>3.40     |                         |
| 04 21 29 00-0007 | SF  |     | 6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i> | 35.81<br>4.95<br>4.54     |                         |
| 04 21 29 00-0008 | SF  |     | 8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i> | 43.92<br>6.22<br>5.65     |                         |
| 04 21 29 00-0009 |     |     | <b>Load Bearing, 12" x 12"</b> (04 21 29 00-0003)                                                                                                                                     |                           |                         |
| 04 21 29 00-0010 |     |     | <b>In Walls</b> (04 21 29 00-0009)                                                                                                                                                    |                           |                         |
| 04 21 29 00-0011 | SF  |     | 4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                  | 29.38<br>3.94<br>3.66     |                         |
| 04 21 29 00-0012 | SF  |     | 6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                  | 39.84<br>5.68<br>5.15     |                         |
| 04 21 29 00-0013 | SF  |     | 8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                  | 47.85<br>6.93<br>6.24     |                         |
| 04 21 29 00-0014 | SF  |     | 10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                 | 50.07<br>7.09<br>6.44     |                         |
| 04 21 29 00-0015 | SF  |     | 12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                 | 60.19<br>8.59<br>7.78     |                         |
| 04 21 29 00-0016 |     |     | <b>In Floors</b> (04 21 29 00-0009)                                                                                                                                                   |                           |                         |
| 04 21 29 00-0017 | SF  |     | 4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                 | 26.89<br>3.94<br>3.53     |                         |
| 04 21 29 00-0018 | SF  |     | 6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                 | 37.07<br>5.68<br>5.01     |                         |
| 04 21 29 00-0019 | SF  |     | 8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                 | 45.00<br>6.93<br>6.10     |                         |
| 04 21 29 00-0020 | SF  |     | 10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                | 46.87<br>7.09<br>6.28     |                         |
| 04 21 29 00-0021 | SF  |     | 12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face .....<br><i>For Smooth Tile Instead Of Scored, Add</i><br><i>For Reinforcing With Steel Rods, Add</i>                | 56.04<br>8.59<br>7.58     |                         |

**04 22 Concrete Unit Masonry** (04 20)





|                       |  |  |       |
|-----------------------|--|--|-------|
| Masonry               |  |  | 04    |
| Unit Masonry          |  |  | 04 20 |
| Concrete Unit Masonry |  |  | 04 22 |

04

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|-----|-----|-------------|---------------------------|-------------------------|
|-------|-----|-----|-------------|---------------------------|-------------------------|

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

**04 22 23 Architectural Concrete Unit Masonry (04 22)****04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)**

|                  |                                                             |       |
|------------------|-------------------------------------------------------------|-------|
| 04 22 23 13-0001 | Concrete Blocks (04 22 23 13)                               |       |
| 04 22 23 13-0002 | Lightweight Concrete Blocks (04 22 23 13-0001)              |       |
| 04 22 23 13-0003 | Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)      |       |
| 04 22 23 13-0004 | SF 4" x 8" x 16", Cored, Lightweight, Concrete Block .....  | 11.41 |
|                  | For Stacked Bond, Add                                       | 2.46  |
|                  | For Scored Block, Add                                       | 0.39  |
|                  | For Curved Wall Application, Add                            | 1.89  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 14.35 |
| 04 22 23 13-0005 | SF 6" x 8" x 16", Cored, Lightweight, Concrete Block .....  | 2.72  |
|                  | For Stacked Bond, Add                                       | 2.67  |
|                  | For Scored Block, Add                                       | 0.49  |
|                  | For Curved Wall Application, Add                            | 2.05  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 15.56 |
| 04 22 23 13-0006 | SF 8" x 8" x 16", Cored, Lightweight, Concrete Block .....  | 13.78 |
|                  | For Stacked Bond, Add                                       | 2.86  |
|                  | For Scored Block, Add                                       | 0.55  |
|                  | For Curved Wall Application, Add                            | 2.20  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 16.72 |
| 04 22 23 13-0007 | SF 10" x 8" x 16", Cored, Lightweight, Concrete Block ..... | 15.21 |
|                  | For Stacked Bond, Add                                       | 2.99  |
|                  | For Scored Block, Add                                       | 0.74  |
|                  | For Curved Wall Application, Add                            | 2.30  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 17.54 |
| 04 22 23 13-0008 | SF 12" x 8" x 16", Cored, Lightweight, Concrete Block ..... | 18.18 |
|                  | For Stacked Bond, Add                                       | 3.69  |
|                  | For Scored Block, Add                                       | 0.80  |
|                  | For Curved Wall Application, Add                            | 2.84  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 21.60 |

**04 22 23 13-0009 Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)**

|                  |                                                             |       |
|------------------|-------------------------------------------------------------|-------|
| 04 22 23 13-0010 | SF 4" x 8" x 16", Solid, Lightweight, Concrete Block .....  | 12.31 |
|                  | For Stacked Bond, Add                                       | 2.53  |
|                  | For Scored Block, Add                                       | 0.52  |
|                  | For Curved Wall Application, Add                            | 1.94  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 14.77 |
| 04 22 23 13-0011 | SF 6" x 8" x 16", Solid, Lightweight, Concrete Block .....  | 13.48 |
|                  | For Stacked Bond, Add                                       | 2.78  |
|                  | For Scored Block, Add                                       | 0.56  |
|                  | For Curved Wall Application, Add                            | 2.14  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 16.23 |
| 04 22 23 13-0012 | SF 8" x 8" x 16", Solid, Lightweight, Concrete Block .....  | 14.24 |
|                  | For Stacked Bond, Add                                       | 2.95  |
|                  | For Scored Block, Add                                       | 0.58  |
|                  | For Curved Wall Application, Add                            | 2.27  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 17.23 |
| 04 22 23 13-0013 | SF 10" x 8" x 16", Solid, Lightweight, Concrete Block ..... | 15.88 |
|                  | For Stacked Bond, Add                                       | 3.09  |
|                  | For Scored Block, Add                                       | 0.80  |
|                  | For Curved Wall Application, Add                            | 2.37  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 18.11 |
| 04 22 23 13-0014 | SF 12" x 8" x 16", Solid, Lightweight, Concrete Block ..... | 18.95 |
|                  | For Stacked Bond, Add                                       | 3.81  |
|                  | For Scored Block, Add                                       | 0.86  |
|                  | For Curved Wall Application, Add                            | 2.93  |
|                  | For <10, Small Area Replacements (Individual Areas), Add    | 22.33 |

**04 22 23 13-0015 Normal Weight Concrete Blocks (04 22 23 13-0001)****04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks (04 22 23 13-0015)**

|                  |                                                              |       |
|------------------|--------------------------------------------------------------|-------|
| 04 22 23 13-0017 | SF 4" x 8" x 16", Cored, Normal Weight, Concrete Block ..... | 11.66 |
|                  | For Stacked Bond, Add                                        | 2.53  |
|                  | For Scored Block, Add                                        | 0.39  |
|                  | For Curved Wall Application, Add                             | 1.94  |
|                  | For <10, Small Area Replacements (Individual Areas), Add     | 14.73 |
|                  | For 3,500 PSI, Add                                           | 0.41  |
|                  | For 5,000 PSI, Add                                           | 0.70  |
| 04 22 23 13-0018 | SF 6" x 8" x 16", Cored, Normal Weight, Concrete Block ..... | 12.90 |
|                  | For Stacked Bond, Add                                        | 2.78  |
|                  | For Scored Block, Add                                        | 0.44  |
|                  | For Curved Wall Application, Add                             | 2.14  |
|                  | For <10, Small Area Replacements (Individual Areas), Add     | 16.19 |
|                  | For 3,500 PSI, Add                                           | 0.47  |
|                  | For 5,000 PSI, Add                                           | 0.80  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 22 23 13-0019 | SF  |     | 8" x 8" x 16", Cored, Normal Weight, Concrete Block.....                     | 13.90                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 2.95                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.51                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.27                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 17.20                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.54                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 0.92                      |                         |
| 04 22 23 13-0020 | SF  |     | 10" x 8" x 16", Cored, Normal Weight, Concrete Block.....                    | 16.80                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.09                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.99                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.37                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 18.17                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 1.04                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 1.77                      |                         |
| 04 22 23 13-0021 | SF  |     | 12" x 8" x 16", Cored, Normal Weight, Concrete Block.....                    | 19.76                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.81                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 1.02                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.93                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 22.39                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 1.07                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 1.83                      |                         |
| 04 22 23 13-0022 |     |     | <b>Solid, Normal Weight, Concrete Blocks</b> (04 22 23 13-0015)              |                           |                         |
| 04 22 23 13-0023 | SF  |     | 4" x 8" x 16", Solid, Normal Weight, Concrete Block.....                     | 12.44                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 2.59                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.49                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 1.99                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 15.14                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.52                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 0.89                      |                         |
| 04 22 23 13-0024 | SF  |     | 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....                     | 13.29                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 2.86                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.46                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.20                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 16.69                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.48                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 0.82                      |                         |
| 04 22 23 13-0025 | SF  |     | 8" x 8" x 16", Solid, Normal Weight, Concrete Block.....                     | 14.34                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.04                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.53                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.34                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 17.73                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.56                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 0.95                      |                         |
| 04 22 23 13-0026 | SF  |     | 10" x 8" x 16", Solid, Normal Weight, Concrete Block.....                    | 15.80                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.19                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.71                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.45                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 18.66                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.74                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 1.27                      |                         |
| 04 22 23 13-0027 | SF  |     | 12" x 8" x 16", Solid, Normal Weight, Concrete Block.....                    | 18.88                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.95                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.74                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 3.04                      |                         |
|                  |     |     | For <10, Small Area Replacements (Individual Areas), Add                     | 23.05                     |                         |
|                  |     |     | For 3,500 PSI, Add                                                           | 0.78                      |                         |
|                  |     |     | For 5,000 PSI, Add                                                           | 1.33                      |                         |
| 04 22 23 13-0028 |     |     | <b>Bond Beam Or Lintel Concrete Blocks</b> (04 22 23 13)                     |                           |                         |
| 04 22 23 13-0029 |     |     | <b>Lightweight, Bond Beam Or Lintel Concrete Blocks</b> (04 22 23 13-0028)   |                           |                         |
|                  |     |     | Note: Excludes concrete fill and reinforcing.                                |                           |                         |
| 04 22 23 13-0030 | LF  |     | 6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....          | 13.29                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 2.67                      |                         |
|                  |     |     | For Grout And Fill With 2 #5 Rebar, Add                                      | 8.17                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.61                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.05                      |                         |
| 04 22 23 13-0031 | LF  |     | 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....          | 14.68                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 2.86                      |                         |
|                  |     |     | For Grout And Fill With 2 #5 Rebar, Add                                      | 9.18                      |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.73                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.20                      |                         |
| 04 22 23 13-0032 | LF  |     | 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....         | 18.11                     |                         |
|                  |     |     | For Stacked Bond, Add                                                        | 3.69                      |                         |
|                  |     |     | For Grout And Fill With 2 #5 Rebar, Add                                      | 11.01                     |                         |
|                  |     |     | For Scored Block, Add                                                        | 0.78                      |                         |
|                  |     |     | For Curved Wall Application, Add                                             | 2.84                      |                         |
| 04 22 23 13-0033 |     |     | <b>Normal Weight, Bond Beam Or Lintel Concrete Blocks</b> (04 22 23 13-0028) |                           |                         |
|                  |     |     | Note: Excludes concrete fill and reinforcing.                                |                           |                         |



|                       |  |  |       |
|-----------------------|--|--|-------|
| Masonry               |  |  | 04    |
| Unit Masonry          |  |  | 04 20 |
| Concrete Unit Masonry |  |  | 04 22 |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|-----|-----|-------------|---------------------------|-------------------------|
|-------|-----|-----|-------------|---------------------------|-------------------------|

|                  |    |                                                                   |       |  |
|------------------|----|-------------------------------------------------------------------|-------|--|
| 04 22 23 13-0034 | LF | 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block  | 13.28 |  |
|                  |    | For Stacked Bond, Add                                             | 2.78  |  |
|                  |    | For Grout And Fill With 2 #5 Rebar, Add                           | 7.94  |  |
|                  |    | For Scored Block, Add                                             | 0.52  |  |
|                  |    | For Curved Wall Application, Add                                  | 2.14  |  |
|                  |    | For 3,500 PSI, Add                                                | 0.55  |  |
|                  |    | For 5,000 PSI, Add                                                | 0.94  |  |
| 04 22 23 13-0035 | LF | 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block  | 14.58 |  |
|                  |    | For Stacked Bond, Add                                             | 2.95  |  |
|                  |    | For Grout And Fill With 2 #5 Rebar, Add                           | 8.91  |  |
|                  |    | For Scored Block, Add                                             | 0.65  |  |
|                  |    | For Curved Wall Application, Add                                  | 2.27  |  |
|                  |    | For 3,500 PSI, Add                                                | 0.68  |  |
|                  |    | For 5,000 PSI, Add                                                | 1.17  |  |
| 04 22 23 13-0036 | LF | 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block | 18.14 |  |
|                  |    | For Stacked Bond, Add                                             | 3.81  |  |
|                  |    | For Grout And Fill With 2 #5 Rebar, Add                           | 10.81 |  |
|                  |    | For Scored Block, Add                                             | 0.69  |  |
|                  |    | For Curved Wall Application, Add                                  | 2.93  |  |
|                  |    | For 3,500 PSI, Add                                                | 0.73  |  |
|                  |    | For 5,000 PSI, Add                                                | 1.25  |  |

#### 04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)

##### 04 22 23 23-0001 Ground Face Concrete Blocks (04 22 23 23)

|                  |    |                                                          |       |  |
|------------------|----|----------------------------------------------------------|-------|--|
| 04 22 23 23-0002 | SF | 4" x 8" x 16", Ground Face, Concrete Block               | 14.98 |  |
|                  |    | For Stacked Bond, Add                                    | 3.09  |  |
|                  |    | For Scored Block, Add                                    | 0.62  |  |
|                  |    | For Curved Wall Application, Add                         | 2.37  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add | 18.04 |  |
| 04 22 23 23-0003 | SF | 6" x 8" x 16", Ground Face, Concrete Block               | 16.90 |  |
|                  |    | For Stacked Bond, Add                                    | 3.47  |  |
|                  |    | For Scored Block, Add                                    | 0.71  |  |
|                  |    | For Curved Wall Application, Add                         | 2.67  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add | 20.31 |  |
| 04 22 23 23-0004 | SF | 8" x 8" x 16", Ground Face, Concrete Block               | 18.30 |  |
|                  |    | For Stacked Bond, Add                                    | 3.67  |  |
|                  |    | For Scored Block, Add                                    | 0.84  |  |
|                  |    | For Curved Wall Application, Add                         | 2.82  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add | 21.48 |  |
| 04 22 23 23-0005 | SF | 10" x 8" x 16", Ground Face, Concrete Block              | 19.59 |  |
|                  |    | For Stacked Bond, Add                                    | 3.89  |  |
|                  |    | For Scored Block, Add                                    | 0.92  |  |
|                  |    | For Curved Wall Application, Add                         | 2.99  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add | 22.80 |  |
| 04 22 23 23-0006 | SF | 12" x 8" x 16", Ground Face, Concrete Block              | 23.39 |  |
|                  |    | For Stacked Bond, Add                                    | 4.77  |  |
|                  |    | For Scored Block, Add                                    | 1.01  |  |
|                  |    | For Curved Wall Application, Add                         | 3.67  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add | 27.89 |  |

#### 04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)

##### 04 22 23 26-0001 Slotted, Acoustical Concrete Block (04 22 23 26)

|                  |    |                                                                  |       |  |
|------------------|----|------------------------------------------------------------------|-------|--|
| 04 22 23 26-0002 | SF | 4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 20.47 |  |
|                  |    | For Stacked Bond, Add                                            | 3.09  |  |
|                  |    | For Curved Wall Application, Add                                 | 2.37  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add         | 18.45 |  |
| 04 22 23 26-0003 | SF | 6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 22.98 |  |
|                  |    | For Stacked Bond, Add                                            | 3.35  |  |
|                  |    | For Curved Wall Application, Add                                 | 2.58  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add         | 20.11 |  |
| 04 22 23 26-0004 | SF | 8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block | 26.53 |  |
|                  |    | For Stacked Bond, Add                                            | 3.67  |  |
|                  |    | For Curved Wall Application, Add                                 | 2.82  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add         | 22.10 |  |

#### 04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)

##### 04 22 23 29-0001 Split Face, Concrete Blocks (04 22 23 29)

##### 04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)

|                  |    |                                                            |       |  |
|------------------|----|------------------------------------------------------------|-------|--|
| 04 22 23 29-0003 | SF | 4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 15.35 |  |
|                  |    | For Stacked Bond, Add                                      | 3.09  |  |
|                  |    | For Curved Wall Application, Add                           | 2.37  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add   | 18.07 |  |
| 04 22 23 29-0004 | SF | 6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block | 17.34 |  |
|                  |    | For Stacked Bond, Add                                      | 3.47  |  |
|                  |    | For Curved Wall Application, Add                           | 2.67  |  |
|                  |    | For <10, Small Area Replacements (Individual Areas), Add   | 20.34 |  |

**04 Masonry****04 20 Unit Masonry****04 22 Concrete Unit Masonry**

| MINOR<br>CSI UOM DESCRIPTION                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 22 23 29-0005 SF 8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block .....                        | 18.80                     |                         |
| For Stacked Bond, Add                                                                                       | 3.67                      |                         |
| For Curved Wall Application, Add                                                                            | 2.82                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 21.52                     |                         |
| 04 22 23 29-0006 SF 10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block .....                       | 20.18                     |                         |
| For Stacked Bond, Add                                                                                       | 3.89                      |                         |
| For Curved Wall Application, Add                                                                            | 2.99                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 22.85                     |                         |
| 04 22 23 29-0007 SF 12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block .....                       | 23.74                     |                         |
| For Stacked Bond, Add                                                                                       | 4.77                      |                         |
| For Curved Wall Application, Add                                                                            | 3.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 27.92                     |                         |
| <b>04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks</b> (04 22 23 29-0001) |                           |                         |
| 04 22 23 29-0009 SF 4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block .....    | 18.22                     |                         |
| For Stacked Bond, Add                                                                                       | 3.09                      |                         |
| For Grout And Fill With 2 #5 Rebar, Add                                                                     | 10.29                     |                         |
| For Curved Wall Application, Add                                                                            | 2.37                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 18.13                     |                         |
| 04 22 23 29-0010 SF 6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block .....    | 18.33                     |                         |
| For Stacked Bond, Add                                                                                       | 3.47                      |                         |
| For Grout And Fill With 2 #5 Rebar, Add                                                                     | 11.65                     |                         |
| For Curved Wall Application, Add                                                                            | 2.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 20.41                     |                         |
| 04 22 23 29-0011 SF 8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block .....    | 19.97                     |                         |
| For Stacked Bond, Add                                                                                       | 3.67                      |                         |
| For Grout And Fill With 2 #5 Rebar, Add                                                                     | 12.92                     |                         |
| For Curved Wall Application, Add                                                                            | 2.82                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 21.60                     |                         |
| 04 22 23 29-0012 SF 10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block .....   | 21.48                     |                         |
| For Stacked Bond, Add                                                                                       | 3.89                      |                         |
| For Grout And Fill With 2 #5 Rebar, Add                                                                     | 14.00                     |                         |
| For Curved Wall Application, Add                                                                            | 2.99                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 22.94                     |                         |
| 04 22 23 29-0013 SF 12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block .....   | 25.09                     |                         |
| For Stacked Bond, Add                                                                                       | 4.77                      |                         |
| For Grout And Fill With 2 #5 Rebar, Add                                                                     | 15.92                     |                         |
| For Curved Wall Application, Add                                                                            | 3.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 28.02                     |                         |
| <b>04 22 23 29-0014 Split Rib, Concrete Block</b> (04 22 23 29)                                             |                           |                         |
| <b>04 22 23 29-0015 Split Rib, Concrete Block</b> (04 22 23 29-0014)                                        |                           |                         |
| 04 22 23 29-0016 SF 4" x 8" x 16", Split Rib, Concrete Block .....                                          | 15.08                     |                         |
| For Stacked Bond, Add                                                                                       | 3.09                      |                         |
| For Curved Wall Application, Add                                                                            | 2.37                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 18.05                     |                         |
| 04 22 23 29-0017 SF 6" x 8" x 16", Split Rib, Concrete Block .....                                          | 17.98                     |                         |
| For Stacked Bond, Add                                                                                       | 3.47                      |                         |
| For Curved Wall Application, Add                                                                            | 2.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 20.39                     |                         |
| 04 22 23 29-0018 SF 8" x 8" x 16", Split Rib, Concrete Block .....                                          | 19.13                     |                         |
| For Stacked Bond, Add                                                                                       | 3.67                      |                         |
| For Curved Wall Application, Add                                                                            | 2.82                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 21.54                     |                         |
| 04 22 23 29-0019 SF 10" x 8" x 16", Split Rib, Concrete Block .....                                         | 20.46                     |                         |
| For Stacked Bond, Add                                                                                       | 3.89                      |                         |
| For Curved Wall Application, Add                                                                            | 2.99                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 22.87                     |                         |
| 04 22 23 29-0020 SF 12" x 8" x 16", Split Rib, Concrete Block .....                                         | 24.35                     |                         |
| For Stacked Bond, Add                                                                                       | 4.77                      |                         |
| For Curved Wall Application, Add                                                                            | 3.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 27.96                     |                         |
| <b>04 22 23 31 Glazed Concrete Masonry Unit</b> (04 22 23)                                                  |                           |                         |
| <b>04 22 23 31-0001 One Glazed Face, Concrete Blocks</b> (04 22 23 31)                                      |                           |                         |
| <b>04 22 23 31-0002 One Glazed Face, Concrete Blocks</b> (04 22 23 31-0001)                                 |                           |                         |
| 04 22 23 31-0003 SF 4" x 8" x 16", One Glazed Face, Concrete Block .....                                    | 26.92                     |                         |
| For Stacked Bond, Add                                                                                       | 2.99                      |                         |
| For Curved Wall Application, Add                                                                            | 2.30                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 18.42                     |                         |
| 04 22 23 31-0004 SF 6" x 8" x 16", One Glazed Face, Concrete Block .....                                    | 28.81                     |                         |
| For Stacked Bond, Add                                                                                       | 3.30                      |                         |
| For Curved Wall Application, Add                                                                            | 2.54                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 20.23                     |                         |
| 04 22 23 31-0005 SF 8" x 8" x 16", One Glazed Face, Concrete Block .....                                    | 30.51                     |                         |
| For Stacked Bond, Add                                                                                       | 3.47                      |                         |
| For Curved Wall Application, Add                                                                            | 2.67                      |                         |
| For <10, Small Area Replacements (Individual Areas), Add                                                    | 21.33                     |                         |



|                       |  |  |       |
|-----------------------|--|--|-------|
| Masonry               |  |  | 04    |
| Unit Masonry          |  |  | 04 20 |
| Concrete Unit Masonry |  |  | 04 22 |

| MINOR                                                                                                       |                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST                                         | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------|
| CSI                                                                                                         | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| 04 22 23 31-0006                                                                                            | SF 10" x 8" x 16", One Glazed Face, Concrete Block .....<br>For Stacked Bond, Add .....<br>For Curved Wall Application, Add .....<br>For <10, Small Area Replacements (Individual Areas), Add .....                                                                                                                                      | 32.31<br>3.67<br>2.82<br>22.53                                    |                         |
| 04 22 23 31-0007                                                                                            | SF 12" x 8" x 16", One Glazed Face, Concrete Block .....<br>For Stacked Bond, Add .....<br>For Curved Wall Application, Add .....<br>For <10, Small Area Replacements (Individual Areas), Add .....                                                                                                                                      | 36.36<br>4.49<br>3.45<br>27.34                                    |                         |
| 04 22 23 31-0008                                                                                            | Two Glazed Faces, Concrete Blocks (04 22 23 31)                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| 04 22 23 31-0009                                                                                            | Two Glazed Faces, Concrete Blocks (04 22 23 31-0008)                                                                                                                                                                                                                                                                                     |                                                                   |                         |
| 04 22 23 31-0010                                                                                            | SF 4" x 8" x 16", Two Glazed Faces, Concrete Block .....<br>For Stacked Bond, Add .....<br>For Curved Wall Application, Add .....<br>For <10, Small Area Replacements (Individual Areas), Add .....                                                                                                                                      | 36.01<br>3.41<br>2.63<br>21.41                                    |                         |
| 04 22 23 31-0011                                                                                            | SF 6" x 8" x 16", Two Glazed Faces, Concrete Block .....<br>For Stacked Bond, Add .....<br>For Curved Wall Application, Add .....<br>For <10, Small Area Replacements (Individual Areas), Add .....                                                                                                                                      | 37.75<br>3.67<br>2.82<br>22.94                                    |                         |
| 04 22 23 31-0012                                                                                            | SF 8" x 8" x 16", Two Glazed Faces, Concrete Block .....<br>For Stacked Bond, Add .....<br>For Curved Wall Application, Add .....<br>For <10, Small Area Replacements (Individual Areas), Add .....                                                                                                                                      | 40.25<br>4.05<br>3.12<br>25.23                                    |                         |
| <b>04 23 Glass Unit Masonry</b> (04 20)                                                                     |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 23 13 Vertical Glass Unit Masonry</b> (04 23)                                                         |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.                   |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 23 13 00-0001 Glass Block Unit Masonry</b> (04 23 13)                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| 04 23 13 00-0002                                                                                            | SF 6" x 6" x 4" Plain Glass Block .....<br>For Solar Reflective (Suntrol) Blocks, Add .....<br>For Essex (Horizontal Striated) Blocks, Add .....<br>For Sculptured Or Patterned Blocks, Add .....<br>For Colored Glass, Add .....<br>For Thinline Block, Deduct .....<br>For >1,000 To 5,000, Deduct .....<br>For >5,000, Deduct .....   | 58.18<br>9.77<br>5.58<br>9.77<br>27.90<br>-6.98<br>-4.41<br>-7.31 |                         |
| 04 23 13 00-0003                                                                                            | SF 8" x 8" x 4" Plain Glass Block .....<br>For Solar Reflective (Suntrol) Blocks, Add .....<br>For Essex (Horizontal Striated) Blocks, Add .....<br>For Sculptured Or Patterned Blocks, Add .....<br>For Colored Glass, Add .....<br>For Thinline Block, Deduct .....<br>For >1,000 To 5,000, Deduct .....<br>For >5,000, Deduct .....   | 42.01<br>6.91<br>3.95<br>6.91<br>19.75<br>-4.94<br>-3.20<br>-5.30 |                         |
| 04 23 13 00-0004                                                                                            | SF 12" x 12" x 4" Plain Glass Block .....<br>For Solar Reflective (Suntrol) Blocks, Add .....<br>For Essex (Horizontal Striated) Blocks, Add .....<br>For Sculptured Or Patterned Blocks, Add .....<br>For Colored Glass, Add .....<br>For Thinline Block, Deduct .....<br>For >1,000 To 5,000, Deduct .....<br>For >5,000, Deduct ..... | 45.71<br>8.83<br>5.05<br>8.83<br>25.23<br>-6.31<br>-3.30<br>-5.58 |                         |
| 04 23 13 00-0005                                                                                            | Solid Glass Block (Vistabrik®) (04 23 13)                                                                                                                                                                                                                                                                                                |                                                                   |                         |
| 04 23 13 00-0006                                                                                            | SF 3" x 8" x 3" Solid Glass Block (Vistabrik®).....                                                                                                                                                                                                                                                                                      | 476.85                                                            |                         |
| 04 23 13 00-0007                                                                                            | SF 4" x 8" x 3" Solid Glass Block (Vistabrik®).....                                                                                                                                                                                                                                                                                      | 363.67                                                            |                         |
| 04 23 13 00-0008                                                                                            | SF 6" x 8" x 3" Solid Glass Block (Vistabrik®).....                                                                                                                                                                                                                                                                                      | 251.83                                                            |                         |
| 04 23 13 00-0009                                                                                            | SF 8" x 8" x 3" Solid Glass Block (Vistabrik®).....                                                                                                                                                                                                                                                                                      | 176.73                                                            |                         |
| <b>04 40 Stone Assemblies</b> (04)                                                                          |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar. |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 41 Dry-Placed Stone</b> (04 40)                                                                       |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone</b> (04 41)                          |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| 04 41 00 00-0002                                                                                            | SF 4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....                                                                                                                                                                                                                                                                      | 24.48                                                             | 7.03                    |
| 04 41 00 00-0003                                                                                            | SF 6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....                                                                                                                                                                                                                                                                      | 24.93                                                             | 7.03                    |
| <b>04 42 Exterior Stone Cladding</b> (04 40)                                                                |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 42 43 Stone Panels for Curtain Walls</b> (04 42)                                                      |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| <b>04 42 43 00-0001 Marble Facing Panels</b> (04 42 43)                                                     |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| Note: 3' x 1.5'                                                                                             |                                                                                                                                                                                                                                                                                                                                          |                                                                   |                         |
| 04 42 43 00-0002                                                                                            | SF 3/4" Thick Marble Facing Panels .....                                                                                                                                                                                                                                                                                                 | 78.92                                                             | 16.44                   |
| 04 42 43 00-0003                                                                                            | SF 7/8" Thick Marble Facing Panels .....                                                                                                                                                                                                                                                                                                 | 83.80                                                             | 16.64                   |

**04 Masonry****04 40 Stone Assemblies****04 42 Exterior Stone Cladding**

| MINOR<br>CSI                               | UOM | DESCRIPTION                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------|-----|---------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 42 43 00-0004                           | SF  | 1-1/2" Thick Marble Facing Panels .....                                                           | 98.04                     | 16.97                   |
| 04 42 43 00-0005                           | SF  | 2" Thick Marble Facing Panels .....                                                               | 108.40                    | 17.50                   |
| 04 42 43 00-0006                           | SF  | 2-1/4" Thick Marble Facing Panels .....                                                           | 115.58                    | 18.55                   |
| 04 42 43 00-0007                           | CF  | Marble Face Panel.....                                                                            | 497.52                    | 60.43                   |
| <b>04 42 43 00-0008</b>                    |     | <b>Smooth Limestone Panels (04 42 43)</b>                                                         |                           |                         |
|                                            |     | Note: Up to 12' x 5' panels.                                                                      |                           |                         |
| 04 42 43 00-0009                           | SF  | 1-1/2" Thick Smooth Limestone Panels .....                                                        | 56.67                     | 32.98                   |
| 04 42 43 00-0010                           | SF  | 2" Thick Smooth Limestone Panels .....                                                            | 60.06                     | 34.57                   |
| 04 42 43 00-0011                           | SF  | 3" Thick Smooth Limestone Panels .....                                                            | 63.65                     | 36.15                   |
| 04 42 43 00-0012                           | SF  | 4" Thick Smooth Limestone Panels .....                                                            | 73.63                     | 39.75                   |
| <b>04 42 43 00-0013</b>                    |     | <b>Sandstone Panels (04 42 43)</b>                                                                |                           |                         |
| 04 42 43 00-0014                           | SF  | 2-1/2" Thick Sandstone Panels.....                                                                | 64.77                     | 34.57                   |
| 04 42 43 00-0015                           | SF  | 4" Thick Sandstone Panels .....                                                                   | 71.23                     | 39.75                   |
| 04 42 43 00-0016                           | SF  | Split Face Sandstone Panels, Random Sizes.....                                                    | 65.64                     | 39.75                   |
| <b>04 43 Stone Masonry (04 40)</b>         |     |                                                                                                   |                           |                         |
| <b>04 43 16 Stone Fabrications (04 43)</b> |     |                                                                                                   |                           |                         |
| <b>04 43 16 00-0001</b>                    |     | <b>Marble (04 43 16)</b>                                                                          |                           |                         |
| <b>04 43 16 00-0002</b>                    |     | <b>Marble Base (04 43 16 00-0001)</b>                                                             |                           |                         |
|                                            |     | Note: 1" thick.                                                                                   |                           |                         |
| 04 43 16 00-0003                           | LF  | 4" High Marble Base .....                                                                         | 106.62                    | 64.62                   |
| 04 43 16 00-0004                           | LF  | 6" High Marble Base .....                                                                         | 122.12                    | 70.39                   |
| <b>04 43 16 00-0005</b>                    |     | <b>Marble Columns (04 43 16 00-0001)</b>                                                          |                           |                         |
| 04 43 16 00-0006                           | CF  | Plain Faced Solid Marble Columns.....                                                             | 332.28                    | 60.43                   |
| 04 43 16 00-0007                           | CF  | Fluted, Carved Solid Marble Columns .....                                                         | 575.06                    | 60.43                   |
| <b>04 43 16 00-0008</b>                    |     | <b>Marble Flooring (04 43 16 00-0001)</b>                                                         |                           |                         |
| 04 43 16 00-0009                           | SF  | 3/8" Uniform Color Marble Flooring.....                                                           | 31.23                     | 14.79                   |
| 04 43 16 00-0010                           | SF  | 1/2" Uniform Color Marble Flooring.....                                                           | 33.93                     | 14.79                   |
| 04 43 16 00-0011                           | SF  | 1/2" Travertine Marble Flooring.....                                                              | 41.01                     | 16.90                   |
| <b>04 43 16 00-0012</b>                    |     | <b>Marble Items (04 43 16 00-0001)</b>                                                            |                           |                         |
| 04 43 16 00-0013                           | LF  | 12" Wide Marble Stair Treads .....                                                                | 89.26                     | 23.34                   |
| 04 43 16 00-0014                           | LF  | 6" Wide Marble Stair Risers .....                                                                 | 67.62                     | 18.71                   |
| 04 43 16 00-0015                           | LF  | 6" Wide x 2" Thick Marble Window Sills.....                                                       | 39.42                     | 13.84                   |
| 04 43 16 00-0016                           | LF  | 5" Wide x 7/8" Thick Marble Window Stool, Polished .....                                          | 80.65                     | 16.98                   |
| 04 43 16 00-0017                           | SF  | 7/8" Thick, Non-Skid, Marble Patio Blocks.....                                                    | 41.02                     | 21.45                   |
| <b>04 43 16 00-0018</b>                    |     | <b>Limestone (04 43 16)</b>                                                                       |                           |                         |
| <b>04 43 16 00-0019</b>                    |     | <b>Ashlar Veneer Limestone (04 43 16 00-0018)</b>                                                 |                           |                         |
| 04 43 16 00-0020                           | SF  | 4" Ashlar Veneer Limestone, Random Sizes .....                                                    | 56.22                     | 23.34                   |
| 04 43 16 00-0021                           | SF  | 6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes .....                          | 85.29                     | 32.06                   |
| <b>04 43 16 00-0022</b>                    |     | <b>Limestone Coping (04 43 16 00-0018)</b>                                                        |                           |                         |
|                                            |     | Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties. |                           |                         |
| 04 43 16 00-0023                           | SF  | 2-1/2" Thick Limestone Coping.....                                                                | 27.75                     | 8.48                    |
| 04 43 16 00-0024                           | SF  | 3" Thick Limestone Coping .....                                                                   | 30.95                     | 9.01                    |
| 04 43 16 00-0025                           | SF  | 3-1/2" Thick Limestone Coping .....                                                               | 34.17                     | 9.55                    |
| 04 43 16 00-0026                           | SF  | 4" Thick Limestone Coping .....                                                                   | 36.32                     | 9.86                    |
| 04 43 16 00-0027                           | SF  | 5" Thick Limestone Coping .....                                                                   | 41.69                     | 10.08                   |
| 04 43 16 00-0028                           | SF  | 6" Thick Limestone Coping .....                                                                   | 59.74                     | 10.60                   |
| 04 43 16 00-0029                           | CF  | >6" Thick Limestone Coping .....                                                                  | 97.43                     | 21.01                   |
| <b>04 43 16 00-0030</b>                    |     | <b>Limestone Stair Treads (04 43 16 00-0018)</b>                                                  |                           |                         |
| 04 43 16 00-0031                           | SF  | 2" Thick Limestone Treads .....                                                                   | 33.61                     | 7.95                    |
| 04 43 16 00-0032                           | SF  | 2-1/2" Thick Limestone Treads .....                                                               | 35.68                     | 8.48                    |
| 04 43 16 00-0033                           | SF  | 3" Thick Limestone Treads .....                                                                   | 39.85                     | 9.01                    |
| 04 43 16 00-0034                           | SF  | 3-1/2" Thick Limestone Treads .....                                                               | 42.96                     | 9.55                    |
| 04 43 16 00-0035                           | SF  | 4" Thick Limestone Treads .....                                                                   | 46.07                     | 9.55                    |
| 04 43 16 00-0036                           | SF  | 5" Thick Limestone Treads .....                                                                   | 50.17                     | 10.08                   |
| 04 43 16 00-0037                           | SF  | 6" Thick Limestone Tread, Smooth Finish .....                                                     | 68.43                     | 10.60                   |
| <b>04 43 16 00-0038</b>                    |     | <b>Limestone Items (04 43 16 00-0018)</b>                                                         |                           |                         |
| 04 43 16 00-0039                           | CF  | Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....                                 | 171.75                    | 78.80                   |



|                  |  |  |       |
|------------------|--|--|-------|
| Masonry          |  |  | 04    |
| Stone Assemblies |  |  | 04 40 |
| Stone Masonry    |  |  | 04 43 |

| MINOR                                                   | CSI | UOM | DESCRIPTION                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 04 43 16 00-0040                                        |     |     | Granite (04 43 16)                                                                                   |                           |                         |
| 04 43 16 00-0041                                        |     |     | Polished Granite Veneer Facing Panels (04 43 16 00-0040)<br>Note: Excludes structural support steel. |                           |                         |
| 04 43 16 00-0042                                        | SF  |     | 7/8" Thick Black Polished Granite Veneer Facing Panels.....                                          | 93.60                     | 33.19                   |
| 04 43 16 00-0043                                        | SF  |     | 7/8" Thick Gray Polished Granite Veneer Facing Panels.....                                           | 85.78                     | 33.19                   |
| 04 43 16 00-0044                                        |     |     | Granite Stair Treads (04 43 16 00-0040)                                                              |                           |                         |
| 04 43 16 00-0045                                        | SF  |     | 2" Thick Granite Stair Tread .....                                                                   | 54.55                     | 7.95                    |
| 04 43 16 00-0046                                        |     |     | Slate (04 43 16)                                                                                     |                           |                         |
| 04 43 16 00-0047                                        |     |     | Slate Panels Or Sills (04 43 16 00-0046)                                                             |                           |                         |
| 04 43 16 00-0048                                        | SF  |     | 1" Thick Slate Panels.....                                                                           | 58.39                     | 33.19                   |
| 04 43 16 00-0049                                        | SF  |     | 2" Thick Slate Panels.....                                                                           | 67.58                     | 33.19                   |
| 04 43 16 00-0050                                        |     |     | Slate Sills Or Stools (04 43 16 00-0046)                                                             |                           |                         |
| 04 43 16 00-0051                                        | LF  |     | 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....                                        | 26.07                     | 13.92                   |
| 04 43 16 00-0052                                        | LF  |     | 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....                                       | 31.92                     | 13.92                   |
| 04 43 16 00-0053                                        | LF  |     | 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....                                        | 31.09                     | 13.92                   |
| 04 43 16 00-0054                                        | LF  |     | 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....                                       | 43.62                     | 13.92                   |
| 04 43 16 00-0055                                        |     |     | Slate Stair Treads (04 43 16 00-0046)                                                                |                           |                         |
| 04 43 16 00-0056                                        | SF  |     | 2" Thick Slate Stair Tread .....                                                                     | 39.29                     | 7.95                    |
| 04 50 Refractory Masonry (04)                           |     |     |                                                                                                      |                           |                         |
| 04 51 Flue Liner Masonry (04 50)                        |     |     |                                                                                                      |                           |                         |
| Note: Includes mortar joints.                           |     |     |                                                                                                      |                           |                         |
| 04 51 00 00-0001                                        |     |     | Rectangular Flue Liners (04 51)                                                                      |                           |                         |
| 04 51 00 00-0002                                        | VLF |     | 4" x 8" Clay Flue Liners .....                                                                       | 18.77                     |                         |
| 04 51 00 00-0003                                        | VLF |     | 8" x 8" Clay Flue Liners .....                                                                       | 26.09                     |                         |
| 04 51 00 00-0004                                        | VLF |     | 8" x 12" Clay Flue Liners.....                                                                       | 29.69                     |                         |
| 04 51 00 00-0005                                        | VLF |     | 12" x 12" Clay Flue Liners.....                                                                      | 37.00                     |                         |
| 04 51 00 00-0006                                        | VLF |     | 12" x 16" Clay Flue Liners.....                                                                      | 45.40                     |                         |
| 04 51 00 00-0007                                        | VLF |     | 12" x 18" Clay Flue Liners.....                                                                      | 51.71                     |                         |
| 04 51 00 00-0008                                        | VLF |     | 16" x 16" Clay Flue Liners.....                                                                      | 56.33                     |                         |
| 04 51 00 00-0009                                        | VLF |     | 16" x 20" Clay Flue Liners.....                                                                      | 69.80                     |                         |
| 04 51 00 00-0010                                        | VLF |     | 18" x 18" Clay Flue Liners.....                                                                      | 74.60                     |                         |
| 04 51 00 00-0011                                        | VLF |     | 20" x 20" Clay Flue Liners.....                                                                      | 96.36                     |                         |
| 04 51 00 00-0012                                        | VLF |     | 20" x 24" Clay Flue Liners.....                                                                      | 104.99                    |                         |
| 04 51 00 00-0013                                        | VLF |     | 24" x 24" Clay Flue Liners.....                                                                      | 124.71                    |                         |
| 04 51 00 00-0014                                        |     |     | Round Flue Liners (04 51)                                                                            |                           |                         |
| 04 51 00 00-0015                                        | VLF |     | 6" Diameter Clay Flue Liners .....                                                                   | 46.40                     |                         |
| 04 51 00 00-0016                                        | VLF |     | 8" Diameter Clay Flue Liners .....                                                                   | 68.03                     |                         |
| 04 51 00 00-0017                                        | VLF |     | 10" Diameter Clay Flue Liners .....                                                                  | 89.78                     |                         |
| 04 51 00 00-0018                                        | VLF |     | 12" Diameter Clay Flue Liners .....                                                                  | 109.53                    |                         |
| 04 51 00 00-0019                                        | VLF |     | 15" Diameter Clay Flue Liners .....                                                                  | 134.61                    |                         |
| 04 51 00 00-0020                                        | VLF |     | 18" Diameter Clay Flue Liners .....                                                                  | 145.52                    |                         |
| 04 51 00 00-0021                                        | VLF |     | 21" Diameter Clay Flue Liners .....                                                                  | 185.83                    |                         |
| 04 51 00 00-0022                                        | VLF |     | 24" Diameter Clay Flue Liners .....                                                                  | 228.31                    |                         |
| 04 51 00 00-0023                                        | VLF |     | 27" Diameter Clay Flue Liners .....                                                                  | 263.52                    |                         |
| 04 51 00 00-0024                                        | VLF |     | 30" Diameter Clay Flue Liners .....                                                                  | 299.78                    |                         |
| 04 51 00 00-0025                                        | VLF |     | 33" Diameter Clay Flue Liners .....                                                                  | 314.20                    |                         |
| 04 51 00 00-0026                                        | VLF |     | 36" Diameter Clay Flue Liners .....                                                                  | 320.52                    |                         |
| 04 51 00 00-0027                                        |     |     | Standard Chimney Block (04 51)                                                                       |                           |                         |
| Note: Includes refractory mortar. Excludes flue liners. |     |     |                                                                                                      |                           |                         |
| 04 51 00 00-0028                                        | EA  |     | 14" x 14" x 8" Concrete Block Chimney Unit.....                                                      | 30.56                     |                         |
| 04 51 00 00-0029                                        | EA  |     | 14" x 18" x 8" Concrete Block Chimney Unit.....                                                      | 33.65                     |                         |
| 04 51 00 00-0030                                        | EA  |     | 16" x 16" x 8" Concrete Block Chimney Unit.....                                                      | 33.86                     |                         |
| 04 51 00 00-0031                                        | EA  |     | 17" x 17" x 8" Concrete Block Chimney Unit.....                                                      | 35.56                     |                         |
| 04 51 00 00-0032                                        | EA  |     | 16" x 20" x 8" Concrete Block Chimney Unit.....                                                      | 37.48                     |                         |
| 04 51 00 00-0033                                        | EA  |     | 17" x 21" x 8" Concrete Block Chimney Unit.....                                                      | 39.55                     |                         |
| 04 51 00 00-0034                                        | EA  |     | 21" x 21" x 8" Concrete Block Chimney Unit.....                                                      | 44.75                     |                         |

## 04 70 Manufactured Masonry (04)

|    |              |                             |
|----|--------------|-----------------------------|
| 04 | <b>04</b>    | <b>Masonry</b>              |
|    | <b>04 70</b> | <b>Manufactured Masonry</b> |
|    | <b>04 72</b> | <b>Cast Stone Masonry</b>   |



| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|-----|-----|-------------|---------------------------|-------------------------|
|-------|-----|-----|-------------|---------------------------|-------------------------|

04 72    **Cast Stone Masonry** (04 70)

|                  |    |                                                                                                               |       |       |  |
|------------------|----|---------------------------------------------------------------------------------------------------------------|-------|-------|--|
| 04 72 00 00-0001 |    | Precast Concrete Lintels <small>(04 72)</small>                                                               |       |       |  |
| 04 72 00 00-0002 |    | Solid Precast Concrete Lintels <small>(04 72 00 00-0001)</small>                                              |       |       |  |
| 04 72 00 00-0003 | LF | 4" x 8", Solid Precast Concrete Lintel .....                                                                  | 16.90 |       |  |
| 04 72 00 00-0004 | LF | 6" x 8", Solid Precast Concrete Lintel .....                                                                  | 21.82 |       |  |
| 04 72 00 00-0005 | LF | 8" x 8", Solid Precast Concrete Lintel .....                                                                  | 27.14 |       |  |
| 04 72 00 00-0006 |    | U Shaped Precast Concrete Lintels <small>(04 72 00 00-0001)</small>                                           |       |       |  |
|                  |    | Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill. |       |       |  |
| 04 72 00 00-0007 | LF | 6" x 8", U Shaped Precast Concrete Lintel .....                                                               | 18.14 |       |  |
| 04 72 00 00-0008 | LF | 8" x 8", U Shaped Precast Concrete Lintel .....                                                               | 22.15 |       |  |
| 04 72 00 00-0009 | LF | 12" x 8", U Shaped Precast Concrete Lintel .....                                                              | 37.17 |       |  |
| 04 72 00 00-0010 |    | Precast Concrete Coping <small>(04 72)</small>                                                                |       |       |  |
|                  |    | Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.            |       |       |  |
| 04 72 00 00-0011 |    | Precast Concrete Coping <small>(04 72 00 00-0010)</small>                                                     |       |       |  |
|                  |    | Note: Measured at highest point.                                                                              |       |       |  |
| 04 72 00 00-0012 | SF | 2" Thick Precast Concrete Coping .....                                                                        | 49.21 | 11.39 |  |
| 04 72 00 00-0013 | SF | 2-1/2" Thick Precast Concrete Coping .....                                                                    | 55.40 | 12.26 |  |
| 04 72 00 00-0014 | SF | 3" Thick Precast Concrete Coping .....                                                                        | 63.93 | 13.13 |  |
| 04 72 00 00-0015 | SF | 3-1/2" Thick Precast Concrete Coping .....                                                                    | 68.74 | 14.01 |  |
| 04 72 00 00-0016 | SF | 4" Thick Precast Concrete Coping .....                                                                        | 73.59 | 14.88 |  |
| 04 72 00 00-0017 | SF | 5" Thick Precast Concrete Coping .....                                                                        | 87.43 | 15.76 |  |
| 04 72 00 00-0018 | SF | 6" Thick Precast Concrete Coping .....                                                                        | 99.66 | 16.63 |  |
| 04 72 00 00-0019 |    | Precast Concrete Window Sills <small>(04 72)</small>                                                          |       |       |  |
|                  |    | Note: Includes caulk and ties.                                                                                |       |       |  |
| 04 72 00 00-0020 |    | Precast Concrete Window Sills <small>(04 72 00 00-0019)</small>                                               |       |       |  |
| 04 72 00 00-0021 | LF | 6" Wide Precast Concrete Window Sill .....                                                                    | 36.01 | 8.75  |  |
| 04 72 00 00-0022 | LF | 10" Wide Precast Concrete Window Sill .....                                                                   | 53.82 | 8.75  |  |
| 04 72 00 00-0023 | LF | 14" Wide Precast Concrete Window Sill .....                                                                   | 63.48 | 8.75  |  |

END OF SECTION 04





| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 05 Metals

### 05 05 Common Work Results for Metals (05)

#### 05 05 19 Post-Installed Concrete Anchors (05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

|                  |                                                                                                     |       |
|------------------|-----------------------------------------------------------------------------------------------------|-------|
| 05 05 19 00-0001 | Concrete And Masonry Anchors (05 05 19)                                                             |       |
| 05 05 19 00-0002 | Expansion Anchors (05 05 19 00-0001)<br>Note: Includes drilling.                                    |       |
| 05 05 19 00-0003 | Wedge Expansion Bolt Anchors (05 05 19 00-0002)                                                     |       |
| 05 05 19 00-0004 | Zinc Plated Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003)<br>Note: Includes nut and washer. |       |
| 05 05 19 00-0005 | EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 11.96 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.54 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.10 |
|                  | For >100, Deduct .....                                                                              | -2.20 |
| 05 05 19 00-0006 | EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 12.15 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.54 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.11 |
|                  | For >100, Deduct .....                                                                              | -2.21 |
| 05 05 19 00-0007 | EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 12.56 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.55 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.14 |
|                  | For >100, Deduct .....                                                                              | -2.28 |
| 05 05 19 00-0008 | EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 14.79 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.65 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.35 |
|                  | For >100, Deduct .....                                                                              | -2.69 |
| 05 05 19 00-0009 | EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 14.94 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.65 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.35 |
|                  | For >100, Deduct .....                                                                              | -2.70 |
| 05 05 19 00-0010 | EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 15.00 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.65 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.35 |
|                  | For >100, Deduct .....                                                                              | -2.70 |
| 05 05 19 00-0011 | EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 15.56 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.65 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.37 |
|                  | For >100, Deduct .....                                                                              | -2.73 |
| 05 05 19 00-0012 | EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 21.71 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.93 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.93 |
|                  | For >100, Deduct .....                                                                              | -3.86 |
| 05 05 19 00-0013 | EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 21.83 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.93 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.93 |
|                  | For >100, Deduct .....                                                                              | -3.87 |
| 05 05 19 00-0014 | EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 22.06 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.93 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.94 |
|                  | For >100, Deduct .....                                                                              | -3.88 |
| 05 05 19 00-0015 | EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 22.69 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.93 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.96 |
|                  | For >100, Deduct .....                                                                              | -3.91 |
| 05 05 19 00-0016 | EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 23.56 |
|                  | For >10 To 50, Deduct .....                                                                         | -0.93 |
|                  | For >50 To 100, Deduct .....                                                                        | -1.98 |
|                  | For >100, Deduct .....                                                                              | -3.96 |
| 05 05 19 00-0017 | EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 29.28 |
|                  | For >10 To 50, Deduct .....                                                                         | -1.14 |
|                  | For >50 To 100, Deduct .....                                                                        | -2.45 |
|                  | For >100, Deduct .....                                                                              | -4.89 |
| 05 05 19 00-0018 | EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....              | 29.47 |
|                  | For >10 To 50, Deduct .....                                                                         | -1.14 |
|                  | For >50 To 100, Deduct .....                                                                        | -2.45 |
|                  | For >100, Deduct .....                                                                              | -4.90 |
| 05 05 19 00-0019 | EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 29.87 |
|                  | For >10 To 50, Deduct .....                                                                         | -1.14 |
|                  | For >50 To 100, Deduct .....                                                                        | -2.46 |
|                  | For >100, Deduct .....                                                                              | -4.92 |
| 05 05 19 00-0020 | EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 30.64 |
|                  | For >10 To 50, Deduct .....                                                                         | -1.14 |
|                  | For >50 To 100, Deduct .....                                                                        | -2.48 |
|                  | For >100, Deduct .....                                                                              | -4.96 |
| 05 05 19 00-0021 | EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....                  | 31.42 |
|                  | For >10 To 50, Deduct .....                                                                         | -1.14 |
|                  | For >50 To 100, Deduct .....                                                                        | -2.50 |
|                  | For >100, Deduct .....                                                                              | -5.00 |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 19 00-0022 | EA  | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....       | 37.53                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.65                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.31                     |                         |
| 05 05 19 00-0023 | EA  | 5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....           | 42.78                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.78                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.57                     |                         |
| 05 05 19 00-0024 | EA  | 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....       | 35.70                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.93                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.87                     |                         |
| 05 05 19 00-0025 | EA  | 3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....       | 35.86                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.94                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.87                     |                         |
| 05 05 19 00-0026 | EA  | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....       | 36.80                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.96                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.92                     |                         |
| 05 05 19 00-0027 | EA  | 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....       | 37.92                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -2.99                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -5.98                     |                         |
| 05 05 19 00-0028 | EA  | 3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....            | 39.21                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.02                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -6.04                     |                         |
| 05 05 19 00-0029 | EA  | 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....        | 44.11                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.14                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -6.29                     |                         |
| 05 05 19 00-0030 | EA  | 3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....           | 50.63                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.31                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -6.61                     |                         |
| 05 05 19 00-0031 | EA  | 3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....           | 57.99                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.49                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -6.98                     |                         |
| 05 05 19 00-0032 | EA  | 7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....            | 53.78                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.48                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.56                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -7.12                     |                         |
| 05 05 19 00-0033 | EA  | 7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....            | 57.64                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.48                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.65                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -7.31                     |                         |
| 05 05 19 00-0034 | EA  | 7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....           | 62.77                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.48                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -3.78                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -7.57                     |                         |
| 05 05 19 00-0035 | EA  | 1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....              | 65.18                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.91                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -4.49                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -8.99                     |                         |
| 05 05 19 00-0036 | EA  | 1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....              | 72.47                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.91                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -4.68                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -9.35                     |                         |
| 05 05 19 00-0037 | EA  | 1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....             | 79.69                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -1.91                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -4.86                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -9.71                     |                         |
| 05 05 19 00-0038 | EA  | 1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....         | 85.64                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -2.45                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -5.81                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -11.62                    |                         |
| 05 05 19 00-0039 | EA  | 1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....        | 90.85                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -2.45                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -5.94                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -11.88                    |                         |
| 05 05 19 00-0040 |     | <b>304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt</b> (05 05 19 00-0003)           |                           |                         |
|                  |     | Note: Includes nut and washer.                                                            |                           |                         |
| 05 05 19 00-0041 | EA  | 1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 13.15                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -0.54                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -1.13                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -2.26                     |                         |
| 05 05 19 00-0042 | EA  | 1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 13.72                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                               | -0.54                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                              | -1.15                     |                         |
|                  |     | For >100, Deduct .....                                                                    | -2.29                     |                         |



| MINOR            | CSI | UOM  | DESCRIPTION                                                                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------|--------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 19 00-0043 | EA  | 1/4" | Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 14.35                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.55                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -1.18                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -2.37                  |                      |
| 05 05 19 00-0044 | EA  | 3/8" | Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 17.13                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.65                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -1.41                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -2.81                  |                      |
| 05 05 19 00-0045 | EA  | 3/8" | Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 17.62                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.65                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -1.42                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -2.84                  |                      |
| 05 05 19 00-0046 | EA  | 3/8" | Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 17.97                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.65                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -1.43                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -2.85                  |                      |
| 05 05 19 00-0047 | EA  | 3/8" | Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 20.63                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.65                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -1.49                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -2.99                  |                      |
| 05 05 19 00-0048 | EA  | 1/2" | Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 27.11                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.93                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.07                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -4.13                  |                      |
| 05 05 19 00-0049 | EA  | 1/2" | Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 28.03                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.93                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.09                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -4.18                  |                      |
| 05 05 19 00-0050 | EA  | 1/2" | Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 28.56                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.93                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.10                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -4.21                  |                      |
| 05 05 19 00-0051 | EA  | 1/2" | Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 30.98                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.93                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.16                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -4.33                  |                      |
| 05 05 19 00-0052 | EA  | 1/2" | Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 34.62                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -0.93                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.25                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -4.51                  |                      |
| 05 05 19 00-0053 | EA  | 5/8" | Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 40.28                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.14                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.72                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -5.44                  |                      |
| 05 05 19 00-0054 | EA  | 5/8" | Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 42.65                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.14                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.78                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -5.56                  |                      |
| 05 05 19 00-0055 | EA  | 5/8" | Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 45.21                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.14                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.84                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -5.69                  |                      |
| 05 05 19 00-0056 | EA  | 5/8" | Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 48.60                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.14                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -2.93                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -5.86                  |                      |
| 05 05 19 00-0057 | EA  | 5/8" | Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 63.53                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.14                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.30                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -6.61                  |                      |
| 05 05 19 00-0058 | EA  | 3/4" | Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 48.13                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.24                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -6.49                  |                      |
| 05 05 19 00-0059 | EA  | 3/4" | Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 52.93                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.36                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -6.73                  |                      |
| 05 05 19 00-0060 | EA  | 3/4" | Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 57.04                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.47                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -6.93                  |                      |
| 05 05 19 00-0061 | EA  | 3/4" | Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 57.54                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.48                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -6.96                  |                      |
| 05 05 19 00-0062 | EA  | 3/4" | Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....     | 61.39                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.58                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -7.15                  |                      |
| 05 05 19 00-0063 | EA  | 3/4" | Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt..... | 71.39                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                                | -1.36                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                               | -3.83                  |                      |
|                  |     |      | For >100, Deduct                                                                     | -7.65                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 19 00-0064 | EA  | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....                               | 85.50                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -4.18                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -8.36                     |                         |
| 05 05 19 00-0065 | EA  | 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....                                | 85.18                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.48                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -4.34                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -8.69                     |                         |
| 05 05 19 00-0066 | EA  | 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....                                  | 125.51                    |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.91                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -6.00                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -12.01                    |                         |
| 05 05 19 00-0067 | EA  | 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....                                  | 146.37                    |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.91                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -6.52                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -13.05                    |                         |
| 05 05 19 00-0068 |     | <b>316 Stainless Steel, Wedge Anchor Expansion Bolt</b> (05 05 19 00-0003)<br>Note: Includes nut and washer.         |                           |                         |
| 05 05 19 00-0069 | EA  | 1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 13.64                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.54                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.14                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -2.29                     |                         |
| 05 05 19 00-0070 | EA  | 1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 14.56                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.55                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.19                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -2.38                     |                         |
| 05 05 19 00-0071 | EA  | 3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 18.71                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.65                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.45                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -2.89                     |                         |
| 05 05 19 00-0072 | EA  | 3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 19.55                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.65                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.47                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -2.93                     |                         |
| 05 05 19 00-0073 | EA  | 3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                     | 19.77                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.65                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.47                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -2.94                     |                         |
| 05 05 19 00-0074 | EA  | 3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                     | 23.77                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.65                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -1.57                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -3.14                     |                         |
| 05 05 19 00-0075 | EA  | 1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 30.94                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.93                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -2.16                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -4.33                     |                         |
| 05 05 19 00-0076 | EA  | 1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 33.27                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.93                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -2.22                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -4.44                     |                         |
| 05 05 19 00-0077 | EA  | 1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 37.49                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.93                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -2.33                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -4.65                     |                         |
| 05 05 19 00-0078 | EA  | 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 38.54                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.93                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -2.35                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -4.71                     |                         |
| 05 05 19 00-0079 | EA  | 5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                     | 53.21                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -3.04                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -6.09                     |                         |
| 05 05 19 00-0080 | EA  | 5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                     | 54.48                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -3.08                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -6.15                     |                         |
| 05 05 19 00-0081 | EA  | 3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 66.22                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -3.70                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -7.39                     |                         |
| 05 05 19 00-0082 | EA  | 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....                                 | 71.49                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -1.36                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -3.83                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -7.66                     |                         |
| 05 05 19 00-0083 |     | <b>Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt</b> (05 05 19 00-0003)<br>Note: Includes nut and washer. |                           |                         |
| 05 05 19 00-0084 | EA  | 1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....                         | 24.31                     |                         |
|                  |     | For >10 To 50, Deduct                                                                                                | -0.93                     |                         |
|                  |     | For >50 To 100, Deduct                                                                                               | -2.00                     |                         |
|                  |     | For >100, Deduct                                                                                                     | -3.99                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 19 00-0085 | EA  |     | 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt ..... | 25.83                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -2.03                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -4.07                  |                      |
| 05 05 19 00-0086 | EA  |     | 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt ..... | 27.36                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -2.07                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -4.15                  |                      |
| 05 05 19 00-0087 | EA  |     | 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....      | 28.12                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -2.09                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -4.18                  |                      |
| 05 05 19 00-0088 | EA  |     | 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....  | 33.84                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -2.56                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -5.12                  |                      |
| 05 05 19 00-0089 | EA  |     | 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....      | 32.00                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -2.51                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -5.03                  |                      |
| 05 05 19 00-0090 | EA  |     | 3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt ..... | 44.29                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -3.15                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -6.30                  |                      |
| 05 05 19 00-0091 | EA  |     | 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt ..... | 45.97                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -3.19                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -6.38                  |                      |
| 05 05 19 00-0092 | EA  |     | 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt ..... | 54.21                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -3.40                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -6.79                  |                      |
| 05 05 19 00-0093 | EA  |     | 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....        | 55.77                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.91                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -4.26                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -8.52                  |                      |
| 05 05 19 00-0094 | EA  |     | 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....        | 60.52                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.91                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -4.38                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -8.76                  |                      |
| 05 05 19 00-0095 | EA  |     | 1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....       | 65.22                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -1.91                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -4.50                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -8.99                  |                      |
| 05 05 19 00-0096 |     |     | Concrete Sleeve Anchors (05 05 19 00-0002)                                                    |                        |                      |
| 05 05 19 00-0097 |     |     | Zinc Plated Steel, Concrete Sleeve Anchors (05 05 19 00-0096)                                 |                        |                      |
|                  |     |     | Note: Includes nut and washer.                                                                |                        |                      |
| 05 05 19 00-0098 | EA  |     | 1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                  | 11.85                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.55                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.12                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.23                  |                      |
| 05 05 19 00-0099 | EA  |     | 1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                | 12.13                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.55                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.12                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.25                  |                      |
| 05 05 19 00-0100 | EA  |     | 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                | 12.47                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.55                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.13                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.26                  |                      |
| 05 05 19 00-0101 | EA  |     | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....               | 12.53                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.18                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.35                  |                      |
| 05 05 19 00-0102 | EA  |     | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....               | 12.79                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.18                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.36                  |                      |
| 05 05 19 00-0103 | EA  |     | 3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                | 14.20                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.33                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.66                  |                      |
| 05 05 19 00-0104 | EA  |     | 3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                    | 14.67                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.34                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.69                  |                      |
| 05 05 19 00-0105 | EA  |     | 3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                    | 15.12                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.35                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -2.71                  |                      |
| 05 05 19 00-0106 | EA  |     | 1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....                | 20.68                  |                      |
|                  |     |     | For >10 To 50, Deduct .....                                                                   | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct .....                                                                  | -1.90                  |                      |
|                  |     |     | For >100, Deduct .....                                                                        | -3.81                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 19 00-0107 | EA  |     | 1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....            | 21.27                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.93                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.92                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -3.84                     |                         |
| 05 05 19 00-0108 | EA  |     | 1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....            | 21.78                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.93                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.93                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -3.86                     |                         |
| 05 05 19 00-0109 | EA  |     | 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....            | 22.39                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.93                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.95                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -3.89                     |                         |
| 05 05 19 00-0110 | EA  |     | 5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 26.23                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.14                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.37                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.74                     |                         |
| 05 05 19 00-0111 | EA  |     | 5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....            | 27.12                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.14                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.39                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.78                     |                         |
| 05 05 19 00-0112 | EA  |     | 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 27.80                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.14                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.41                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.82                     |                         |
| 05 05 19 00-0113 | EA  |     | 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....            | 29.72                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.14                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.46                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.91                     |                         |
| 05 05 19 00-0114 | EA  |     | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 32.83                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.36                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.86                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -5.72                     |                         |
| 05 05 19 00-0115 | EA  |     | 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 34.49                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.36                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.90                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -5.80                     |                         |
| 05 05 19 00-0116 | EA  |     | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 35.99                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.36                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.94                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -5.88                     |                         |
| 05 05 19 00-0117 | EA  |     | 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....        | 38.38                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.36                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -3.00                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -6.00                     |                         |
| 05 05 19 00-0118 |     |     | <b>304/18-8 Stainless Steel, Concrete Sleeve Anchors</b> (05 05 19 00-0096)           |                           |                         |
|                  |     |     | Note: Includes nut and washer.                                                        |                           |                         |
| 05 05 19 00-0119 | EA  |     | 1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor ..... | 13.97                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.17                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -2.34                     |                         |
| 05 05 19 00-0120 | EA  |     | 3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor ..... | 18.67                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.65                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.44                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -2.89                     |                         |
| 05 05 19 00-0121 | EA  |     | 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....     | 20.92                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.65                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.50                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -3.00                     |                         |
| 05 05 19 00-0122 | EA  |     | 1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor ..... | 28.11                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.93                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.09                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.18                     |                         |
| 05 05 19 00-0123 | EA  |     | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....     | 32.15                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.93                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.19                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -4.38                     |                         |
| 05 05 19 00-0124 | EA  |     | 5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor ..... | 44.82                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -1.14                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -2.83                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -5.67                     |                         |
| 05 05 19 00-0125 |     |     | <b>Concrete Strike Anchors</b> (05 05 19 00-0002)                                     |                           |                         |
|                  |     |     | Note: Includes nut and washer.                                                        |                           |                         |
| 05 05 19 00-0126 | EA  |     | 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor .....        | 13.21                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.15                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -2.30                     |                         |
| 05 05 19 00-0127 | EA  |     | 1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor .....        | 13.68                     |                         |
|                  |     |     | For >10 To 50, Deduct .....                                                           | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                          | -1.16                     |                         |
|                  |     |     | For >100, Deduct .....                                                                | -2.33                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 19 00-0128 | EA  |     | 5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor..... | 14.21                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.22                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.43                  |                      |
| 05 05 19 00-0129 | EA  |     | 5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....     | 16.15                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.27                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.53                  |                      |
| 05 05 19 00-0130 | EA  |     | 3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 16.32                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.38                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.77                  |                      |
| 05 05 19 00-0131 | EA  |     | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 17.77                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.42                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.84                  |                      |
| 05 05 19 00-0132 | EA  |     | 3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 18.89                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.45                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.90                  |                      |
| 05 05 19 00-0133 | EA  |     | 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 24.29                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.99                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.99                  |                      |
| 05 05 19 00-0134 | EA  |     | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 25.16                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.02                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.03                  |                      |
| 05 05 19 00-0135 | EA  |     | 1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 27.71                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.08                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.16                  |                      |
| 05 05 19 00-0136 | EA  |     | 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 31.02                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.16                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.33                  |                      |
| 05 05 19 00-0137 | EA  |     | 5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 33.89                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.56                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.12                  |                      |
| 05 05 19 00-0138 | EA  |     | 5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....  | 36.94                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.64                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.27                  |                      |
| 05 05 19 00-0139 | EA  |     | 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 39.63                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.70                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.41                  |                      |
| 05 05 19 00-0140 | EA  |     | 3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 45.55                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -3.18                  |                      |
|                  |     |     | For >100, Deduct                                                               | -6.36                  |                      |
| 05 05 19 00-0141 | EA  |     | 3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....      | 48.41                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -3.25                  |                      |
|                  |     |     | For >100, Deduct                                                               | -6.50                  |                      |
| 05 05 19 00-0142 |     |     | Multi-Set Drop-In Anchors (05 05 19 00-0002)                                   |                        |                      |
| 05 05 19 00-0143 |     |     | Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)                |                        |                      |
|                  |     |     | Note: Excludes bolt, nut and washer.                                           |                        |                      |
| 05 05 19 00-0144 | EA  |     | 1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....           | 16.46                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.76                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.55                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.11                  |                      |
| 05 05 19 00-0145 | EA  |     | 3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....           | 20.17                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.93                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.90                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.80                  |                      |
| 05 05 19 00-0146 | EA  |     | 1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....           | 25.29                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.09                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.27                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.55                  |                      |
| 05 05 19 00-0147 | EA  |     | 5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....           | 29.43                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.20                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.54                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.08                  |                      |
| 05 05 19 00-0148 | EA  |     | 3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....           | 36.58                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                          | -1.37                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.97                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.93                  |                      |
| 05 05 19 00-0149 |     |     | 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)         |                        |                      |
|                  |     |     | Note: Excludes bolt, nut and washer.                                           |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR                   | CSI | UOM                                                                                                                         | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 05 05 19 00-0150        | EA  | 1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor                                                      | 20.92       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.76       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.67       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -3.33       |                           |                         |
| 05 05 19 00-0151        | EA  | 3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor                                                      | 28.76       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.93       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.11       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -4.23       |                           |                         |
| 05 05 19 00-0152        | EA  | 1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor                                                      | 36.34       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.09       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.55       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -5.10       |                           |                         |
| 05 05 19 00-0153        | EA  | 5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor                                                      | 47.25       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.20       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.99       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -5.97       |                           |                         |
| 05 05 19 00-0154        | EA  | 3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor                                                      | 67.22       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.37       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -3.73       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -7.47       |                           |                         |
| <b>05 05 19 00-0155</b> |     | <b>Single Bolt Expansion Anchors</b> (05 05 19 00-0002)                                                                     |             |                           |                         |
|                         |     | Note: Excludes bolt, nut and washer.                                                                                        |             |                           |                         |
| 05 05 19 00-0156        | EA  | 1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                         | 12.26       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.55       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.13       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.25       |                           |                         |
| 05 05 19 00-0157        | EA  | 5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                        | 13.30       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.57       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.19       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.39       |                           |                         |
| 05 05 19 00-0158        | EA  | 3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                         | 15.02       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.65       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.35       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.70       |                           |                         |
| 05 05 19 00-0159        | EA  | 1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                         | 22.39       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.93       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.95       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -3.89       |                           |                         |
| 05 05 19 00-0160        | EA  | 5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                         | 33.52       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.14       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.55       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -5.10       |                           |                         |
| 05 05 19 00-0161        | EA  | 3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor                                                         | 40.77       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.36       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -3.06       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -6.12       |                           |                         |
| <b>05 05 19 00-0162</b> |     | <b>Concrete Lag Shield Anchors</b> (05 05 19 00-0002)                                                                       |             |                           |                         |
|                         |     | Note: Excludes lag bolt and washer.                                                                                         |             |                           |                         |
| 05 05 19 00-0163        | EA  | 1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                           | 11.97       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.55       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.12       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.24       |                           |                         |
| 05 05 19 00-0164        | EA  | 5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                          | 14.24       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.65       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.33       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.66       |                           |                         |
| 05 05 19 00-0165        | EA  | 3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                           | 15.07       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.65       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.35       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -2.71       |                           |                         |
| 05 05 19 00-0166        | EA  | 1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                           | 21.20       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -0.93       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -1.92       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -3.84       |                           |                         |
| 05 05 19 00-0167        | EA  | 5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                           | 31.69       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.14       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.51       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -5.01       |                           |                         |
| 05 05 19 00-0168        | EA  | 3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor                                                           | 34.19       |                           |                         |
|                         |     | For >10 To 50, Deduct                                                                                                       | -1.36       |                           |                         |
|                         |     | For >50 To 100, Deduct                                                                                                      | -2.89       |                           |                         |
|                         |     | For >100, Deduct                                                                                                            | -5.79       |                           |                         |
| <b>05 05 19 00-0169</b> |     | <b>Chemical And Adhesive Anchors</b> (05 05 19 00-0001)                                                                     |             |                           |                         |
| <b>05 05 19 00-0170</b> |     | <b>Chemically Adhered Anchor Rods</b> (05 05 19 00-0169)                                                                    |             |                           |                         |
|                         |     | Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel. |             |                           |                         |





| MINOR            | CSI | UOM    | DESCRIPTION                                                                                                                                                                                                                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 19 00-0171 | EA  | 1/4"   | 1-9/16" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                  | 17.44                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.60                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.34                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -2.68                  |                      |
| 05 05 19 00-0172 | EA  | 5/16"  | x 2-3/8" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                 | 21.01                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.66                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.51                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -3.02                  |                      |
| 05 05 19 00-0173 | EA  | 3/8"   | x 2-3/4" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                 | 25.97                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.82                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.88                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -3.76                  |                      |
| 05 05 19 00-0174 | EA  | 1/2"   | x 3-11/16" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                               | 31.11                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.93                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.17                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -4.33                  |                      |
| 05 05 19 00-0175 | EA  | 1/2"   | x 5-1/2" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                 | 33.98                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.93                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.24                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -4.47                  |                      |
| 05 05 19 00-0176 | EA  | 5/8"   | x 7" Long Chemically Adhered Anchor Rod.....                                                                                                                                                                                                                                                      | 42.08                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.14                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.77                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -5.53                  |                      |
| 05 05 19 00-0177 | EA  | 3/4"   | x 9-1/2" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                 | 56.98                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.36                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -3.46                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -6.93                  |                      |
| 05 05 19 00-0178 | EA  | 7/8"   | x 10" Long Chemically Adhered Anchor Rod.....                                                                                                                                                                                                                                                     | 70.14                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.47                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -3.96                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -7.92                  |                      |
| 05 05 19 00-0179 | EA  | 1"     | x 11-3/4" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                | 97.76                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.91                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -5.31                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -10.62                 |                      |
| 05 05 19 00-0180 | EA  | 1-1/4" | x 14" Long Chemically Adhered Anchor Rod .....                                                                                                                                                                                                                                                    | 146.56                 |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -2.41                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -7.28                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -14.55                 |                      |
| 05 05 19 00-0181 |     |        | Chemical Adhesives For Bolts, Dowels Or Threaded Rod (05 05 19 00-0169)                                                                                                                                                                                                                           |                        |                      |
|                  |     |        | Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod. |                        |                      |
| 05 05 19 00-0182 | EA  | 1/4"   | Chemical Adhesive For Bolt Or Threaded Rod .....                                                                                                                                                                                                                                                  | 12.71                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.60                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.22                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -2.44                  |                      |
| 05 05 19 00-0183 | EA  | 5/16"  | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 13.98                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.66                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.34                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -2.67                  |                      |
| 05 05 19 00-0184 | EA  | 3/8"   | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 16.43                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.77                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.56                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -3.12                  |                      |
| 05 05 19 00-0185 | EA  | 1/2"   | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 20.07                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.93                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -1.89                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -3.78                  |                      |
| 05 05 19 00-0186 | EA  | 5/8"   | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 23.63                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -0.99                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.08                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -4.15                  |                      |
| 05 05 19 00-0187 | EA  | 3/4"   | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 30.98                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.22                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.60                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -5.19                  |                      |
| 05 05 19 00-0188 | EA  | 7/8"   | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 34.96                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.30                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -2.83                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -5.66                  |                      |
| 05 05 19 00-0189 | EA  | 1"     | Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                                                                                                                                                                                                                                            | 44.78                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.57                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -3.48                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -6.95                  |                      |
| 05 05 19 00-0190 | EA  | 1-1/8" | Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....                                                                                                                                                                                                                                           | 50.50                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.70                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -3.82                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -7.63                  |                      |
| 05 05 19 00-0191 | EA  | 1-1/4" | Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....                                                                                                                                                                                                                                           | 59.92                  |                      |
|                  |     |        | For >10 To 50, Deduct .....                                                                                                                                                                                                                                                                       | -1.93                  |                      |
|                  |     |        | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                      | -4.39                  |                      |
|                  |     |        | For >100, Deduct .....                                                                                                                                                                                                                                                                            | -8.78                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 19 00-0192 | EA  |     | 1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....               | 68.77                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -2.10                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -4.87                     |                         |
|                  |     |     | For >100, Deduct                                                            | -9.74                     |                         |
| 05 05 19 00-0193 | EA  |     | 1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....               | 81.40                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -2.29                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -5.47                     |                         |
|                  |     |     | For >100, Deduct                                                            | -10.93                    |                         |
| 05 05 19 00-0194 | EA  |     | 1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....               | 107.23                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -2.69                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -6.71                     |                         |
|                  |     |     | For >100, Deduct                                                            | -13.42                    |                         |
| 05 05 19 00-0195 | EA  |     | 2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....                   | 171.86                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -3.25                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -9.16                     |                         |
|                  |     |     | For >100, Deduct                                                            | -18.33                    |                         |
| 05 05 19 00-0196 |     |     | <b>Grout Concrete Anchor Bolt Or Threaded Rod (05 05 19 00-0196)</b>        |                           |                         |
| 05 05 19 00-0197 | EA  |     | Grout Concrete Anchor Bolt or Threaded Rod.....                             | 4.77                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.23                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -0.47                     |                         |
|                  |     |     | For >100, Deduct                                                            | -0.93                     |                         |
| 05 05 19 00-0198 |     |     | <b>Other Concrete And Masonry Anchors (05 05 19 00-0001)</b>                |                           |                         |
| 05 05 19 00-0199 |     |     | <b>Tapcon Masonry Screws (05 05 19 00-0198)</b>                             |                           |                         |
|                  |     |     | Note: Includes drilling. Countersunk or hex head.                           |                           |                         |
| 05 05 19 00-0200 | EA  |     | 3/16" x 1-1/4" Tapcon Masonry Screw.....                                    | 11.47                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.11                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.21                     |                         |
| 05 05 19 00-0201 | EA  |     | 3/16" x 2-1/4" Tapcon Masonry Screw.....                                    | 11.62                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.11                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.22                     |                         |
| 05 05 19 00-0202 | EA  |     | 3/16" x 3-1/4" Tapcon Masonry Screw.....                                    | 11.92                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.12                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.24                     |                         |
| 05 05 19 00-0203 | EA  |     | 1/4" x 1-1/4" Tapcon Masonry Screw.....                                     | 11.64                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.11                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.22                     |                         |
| 05 05 19 00-0204 | EA  |     | 1/4" x 2-1/4" Tapcon Masonry Screw.....                                     | 11.81                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.12                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.23                     |                         |
| 05 05 19 00-0205 | EA  |     | 1/4" x 3-1/4" Tapcon Masonry Screw.....                                     | 12.18                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.13                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.25                     |                         |
| 05 05 19 00-0206 |     |     | <b>Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)</b> |                           |                         |
|                  |     |     | Note: Includes drilling. Zinc plated.                                       |                           |                         |
| 05 05 19 00-0207 | EA  |     | 3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....        | 12.28                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.13                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.26                     |                         |
| 05 05 19 00-0208 | EA  |     | 3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....        | 12.77                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.14                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.28                     |                         |
| 05 05 19 00-0209 | EA  |     | 3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....            | 12.90                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.14                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.29                     |                         |
| 05 05 19 00-0210 | EA  |     | 3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....            | 13.13                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.15                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.30                     |                         |
| 05 05 19 00-0211 | EA  |     | 3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....            | 13.33                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.15                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.31                     |                         |
| 05 05 19 00-0212 | EA  |     | 1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....            | 13.75                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.16                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.33                     |                         |
| 05 05 19 00-0213 | EA  |     | 1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....            | 14.27                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                       | -0.55                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                      | -1.18                     |                         |
|                  |     |     | For >100, Deduct                                                            | -2.35                     |                         |



| MINOR            | CSI | UOM                                                                           | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 19 00-0214 | EA  | 1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....              | 14.75       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.19       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.38       |                        |                      |
| 05 05 19 00-0215 | EA  | 1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....              | 16.09       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.22       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.45       |                        |                      |
| 05 05 19 00-0216 | EA  | 5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....              | 16.25       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.23       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.45       |                        |                      |
| 05 05 19 00-0217 | EA  | 5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....              | 17.06       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.25       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.49       |                        |                      |
| 05 05 19 00-0218 | EA  | 5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....              | 17.90       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.27       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.54       |                        |                      |
| 05 05 19 00-0219 | EA  | 5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....              | 18.44       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.28       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.56       |                        |                      |
| 05 05 19 00-0220 | EA  | 3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....          | 18.20       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.28       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.55       |                        |                      |
| 05 05 19 00-0221 | EA  | 3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....          | 18.98       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.30       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.59       |                        |                      |
| 05 05 19 00-0222 | EA  | 3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....          | 20.79       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.55       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -1.34       |                        |                      |
|                  |     | For >100, Deduct                                                              | -2.68       |                        |                      |
| 05 05 19 00-0223 |     | Pin Bolt Drives (05 05 19 00-0198)                                            |             |                        |                      |
|                  |     | Note: Includes drilling. Zinc plated.                                         |             |                        |                      |
| 05 05 19 00-0224 | EA  | 1/4" x 1" Pin Bolt Drive.....                                                 | 7.38        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.33       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.68       |                        |                      |
|                  |     | For >100, Deduct                                                              | -1.35       |                        |                      |
| 05 05 19 00-0225 | EA  | 1/4" x 1-1/4" Pin Bolt Drive.....                                             | 7.38        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.33       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.68       |                        |                      |
|                  |     | For >100, Deduct                                                              | -1.35       |                        |                      |
| 05 05 19 00-0226 | EA  | 1/4" x 1-1/2" Pin Bolt Drive.....                                             | 7.49        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.33       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.68       |                        |                      |
|                  |     | For >100, Deduct                                                              | -1.36       |                        |                      |
| 05 05 19 00-0227 | EA  | 1/4" x 2" Pin Bolt Drive.....                                                 | 7.52        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.33       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.68       |                        |                      |
|                  |     | For >100, Deduct                                                              | -1.36       |                        |                      |
| 05 05 19 00-0228 |     | Powder Actuated, Shot-In Place Anchors (05 05 19 00-0198)                     |             |                        |                      |
| 05 05 19 00-0229 | EA  | 0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor.....                | 1.98        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.07       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.16       |                        |                      |
|                  |     | For >100, Deduct                                                              | -0.32       |                        |                      |
| 05 05 19 00-0230 | EA  | 0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor.....                | 2.12        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.17       |                        |                      |
|                  |     | For >100, Deduct                                                              | -0.34       |                        |                      |
| 05 05 19 00-0231 | EA  | 0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor.....            | 2.32        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.18       |                        |                      |
|                  |     | For >100, Deduct                                                              | -0.36       |                        |                      |
| 05 05 19 00-0232 | EA  | 0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor.....        | 2.62        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.09       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.20       |                        |                      |
|                  |     | For >100, Deduct                                                              | -0.39       |                        |                      |
| 05 05 19 00-0233 | EA  | 0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor.....        | 2.84        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                         | -0.09       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                        | -0.20       |                        |                      |
|                  |     | For >100, Deduct                                                              | -0.40       |                        |                      |
| 05 05 19 00-0234 |     | Powder Actuated, Shot-In Place Anchors With Exposed Thread (05 05 19 00-0198) |             |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

| MINOR                                               | CSI | UOM | DESCRIPTION                                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 19 00-0235                                    | EA  |     | 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor.....                                                                                            | 2.54                      |                         |
|                                                     |     |     | For >10 To 50, Deduct                                                                                                                                                                              | -0.08                     |                         |
|                                                     |     |     | For >50 To 100, Deduct                                                                                                                                                                             | -0.18                     |                         |
|                                                     |     |     | For >100, Deduct                                                                                                                                                                                   | -0.36                     |                         |
| 05 05 19 00-0236                                    | EA  |     | 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor.....                                                                                          | 3.63                      |                         |
|                                                     |     |     | For >10 To 50, Deduct                                                                                                                                                                              | -0.09                     |                         |
|                                                     |     |     | For >50 To 100, Deduct                                                                                                                                                                             | -0.23                     |                         |
|                                                     |     |     | For >100, Deduct                                                                                                                                                                                   | -0.46                     |                         |
| 05 05 19 00-0237                                    |     |     | <b>TITEN HD Screw Anchor</b> (05 05 19)                                                                                                                                                            |                           |                         |
| 05 05 19 00-0238                                    | EA  |     | 1/2" x 6" TITEN HD Screw Anchor With Stainless Steel Washer.....                                                                                                                                   | 38.14                     |                         |
|                                                     |     |     | Note: Includes drilling 1/2" diameter holes to proper depth in the edge of the concrete, removal of dust from hole,<br>and installing self-threading screw.                                        |                           |                         |
| <b>05 05 21 Fastening Methods for Metal</b> (05 05) |     |     |                                                                                                                                                                                                    |                           |                         |
| 05 05 21 00-0001                                    |     |     | <b>Welding</b> (05 05 21)                                                                                                                                                                          |                           |                         |
| 05 05 21 00-0002                                    |     |     | <b>Minimum Charge For Welding</b> (05 05 21 00-0001)                                                                                                                                               |                           |                         |
| 05 05 21 00-0003                                    | EA  |     | Welding Minimum Charge.....                                                                                                                                                                        | 480.76                    |                         |
|                                                     |     |     | Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This<br>task should not be used in conjunction with any other tasks in this section. |                           |                         |
| 05 05 21 00-0004                                    |     |     | <b>Spot Welding</b> (05 05 21 00-0001)                                                                                                                                                             |                           |                         |
| 05 05 21 00-0005                                    | EA  |     | Up To 15 Spot Weldings, Welds Up To 1" Length Each .....                                                                                                                                           | 12.16                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 1.91                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 3.15                      |                         |
| 05 05 21 00-0006                                    | EA  |     | >15 Spot Weldings, Welds Up To 1" Length Each.....                                                                                                                                                 | 9.49                      |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 1.51                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 2.48                      |                         |
| 05 05 21 00-0007                                    |     |     | <b>Field Welding (Seam And Stitch Welding)</b> (05 05 21 00-0001)                                                                                                                                  |                           |                         |
| 05 05 21 00-0008                                    |     |     | <b>Vertical Fillet Welds</b> (05 05 21 00-0007)                                                                                                                                                    |                           |                         |
|                                                     |     |     | Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds<br>are made.                                                                       |                           |                         |
| 05 05 21 00-0009                                    | LF  |     | 1/8" Vertical Fillet Weld .....                                                                                                                                                                    | 7.80                      |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 1.59                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 2.48                      |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 2.56                      |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 1.81                      |                         |
| 05 05 21 00-0010                                    | LF  |     | 3/16" Vertical Fillet Weld .....                                                                                                                                                                   | 15.09                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 2.79                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 4.43                      |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 5.06                      |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 3.60                      |                         |
| 05 05 21 00-0011                                    | LF  |     | 1/4" Vertical Fillet Weld .....                                                                                                                                                                    | 22.64                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 4.19                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 6.65                      |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 7.59                      |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 5.40                      |                         |
| 05 05 21 00-0012                                    | LF  |     | 5/16" Vertical Fillet Weld .....                                                                                                                                                                   | 29.87                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 5.55                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 8.80                      |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 10.01                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 7.11                      |                         |
| 05 05 21 00-0013                                    | LF  |     | 3/8" Vertical Fillet Weld .....                                                                                                                                                                    | 37.71                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 6.97                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 11.07                     |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 12.65                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 8.99                      |                         |
| 05 05 21 00-0014                                    | LF  |     | 7/16" Vertical Fillet Weld .....                                                                                                                                                                   | 43.81                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 7.61                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 12.25                     |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 14.90                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 10.61                     |                         |
| 05 05 21 00-0015                                    | LF  |     | 1/2" Vertical Fillet Weld .....                                                                                                                                                                    | 51.58                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 9.57                      |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 15.19                     |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 17.29                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 12.28                     |                         |
| 05 05 21 00-0016                                    | LF  |     | 9/16" Vertical Fillet Weld .....                                                                                                                                                                   | 60.25                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 10.68                     |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 17.12                     |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 20.40                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 14.51                     |                         |
| 05 05 21 00-0017                                    | LF  |     | 5/8" Vertical Fillet Weld .....                                                                                                                                                                    | 69.86                     |                         |
|                                                     |     |     | For Aluminum Welding, Add                                                                                                                                                                          | 12.42                     |                         |
|                                                     |     |     | For Stainless Steel Welding, Add                                                                                                                                                                   | 19.90                     |                         |
|                                                     |     |     | For Up To 25, Add                                                                                                                                                                                  | 23.64                     |                         |
|                                                     |     |     | For >25 To 50, Add                                                                                                                                                                                 | 16.82                     |                         |



| MINOR            |                                                                                                                                                                                        | TOTAL DIRECT |                                            | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                        | UNIT         | COST                                       | UNIT COST  |
| 05 05 21 00-0018 | LF 3/4" Vertical Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                          |              | 94.38<br>17.49<br>27.77<br>31.64<br>22.48  |            |
| 05 05 21 00-0019 | LF 7/8" Vertical Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                          |              | 139.43<br>24.63<br>39.51<br>47.25<br>33.62 |            |
| 05 05 21 00-0020 | LF 1" Vertical Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                            |              | 188.04<br>34.45<br>54.81<br>63.21<br>44.93 |            |
| 05 05 21 00-0021 | <b>Horizontal Or Flat Fillet Welds</b> (05 05 21 00-0007)<br>Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made. |              |                                            |            |
| 05 05 21 00-0022 | LF 1/8" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 6.58<br>1.41<br>2.17<br>2.13<br>1.51       |            |
| 05 05 21 00-0023 | LF 3/16" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                               |              | 12.79<br>2.46<br>3.88<br>4.25<br>3.02      |            |
| 05 05 21 00-0024 | LF 1/4" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 19.14<br>3.69<br>5.81<br>6.36<br>4.51      |            |
| 05 05 21 00-0025 | LF 5/16" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                               |              | 25.29<br>4.92<br>7.73<br>8.38<br>5.95      |            |
| 05 05 21 00-0026 | LF 3/8" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 31.92<br>6.16<br>9.69<br>10.60<br>7.52     |            |
| 05 05 21 00-0027 | LF 7/16" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                               |              | 36.90<br>6.63<br>10.59<br>12.46<br>8.86    |            |
| 05 05 21 00-0028 | LF 1/2" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 43.61<br>8.46<br>13.30<br>14.47<br>10.26   |            |
| 05 05 21 00-0029 | LF 9/16" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                               |              | 50.88<br>9.38<br>14.91<br>17.08<br>12.14   |            |
| 05 05 21 00-0030 | LF 5/8" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 59.29<br>11.16<br>17.66<br>19.81<br>14.07  |            |
| 05 05 21 00-0031 | LF 3/4" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 79.89<br>15.49<br>24.35<br>26.50<br>18.80  |            |
| 05 05 21 00-0032 | LF 7/8" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                |              | 116.81<br>21.00<br>33.55<br>39.44<br>28.04 |            |
| 05 05 21 00-0033 | LF 1" Horizontal Or Flat Fillet Weld.....<br>For Aluminum Welding, Add<br>For Stainless Steel Welding, Add<br>For Up To 25, Add<br>For >25 To 50, Add                                  |              | 158.56<br>30.32<br>47.62<br>52.77<br>37.46 |            |

**05 05 23 Metal Fastenings** (05 05)

05 05 23 00-0001 Hex Bolts (05 05 23)

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel,

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

concrete, brick or block. See CSI section 02 41 19 13-0279 for drilling into concrete, 02 41 19 13-0294 for drilling into brick or block, 02 41 19 13-0309 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

|                  |                                                                         |       |      |
|------------------|-------------------------------------------------------------------------|-------|------|
| 05 05 23 00-0002 | <b>A307B Heavy Hex Bolts</b> (05 05 23 00-0001)                         |       |      |
|                  | Note: Includes A307B heavy hex nut and two structural washers.          |       |      |
| 05 05 23 00-0003 | <b>Plain Finish A307B Heavy Hex Bolts</b> (05 05 23 00-0002)            |       |      |
| 05 05 23 00-0004 | EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt ..... | 14.23 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.21 |      |
|                  | For >100, Deduct .....                                                  | -2.41 |      |
| 05 05 23 00-0005 | EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt .....     | 15.89 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.25 |      |
|                  | For >100, Deduct .....                                                  | -2.50 |      |
| 05 05 23 00-0006 | EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....     | 15.93 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.25 |      |
|                  | For >100, Deduct .....                                                  | -2.50 |      |
| 05 05 23 00-0007 | EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....     | 19.07 | 1.55 |
|                  | For >10 To 50, Deduct .....                                             | -0.65 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.45 |      |
|                  | For >100, Deduct .....                                                  | -2.90 |      |
| 05 05 23 00-0008 | EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....     | 18.72 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.32 |      |
|                  | For >100, Deduct .....                                                  | -2.64 |      |
| 05 05 23 00-0009 | EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....     | 22.54 | 1.55 |
|                  | For >10 To 50, Deduct .....                                             | -0.65 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.53 |      |
|                  | For >100, Deduct .....                                                  | -3.07 |      |
| 05 05 23 00-0010 | EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....     | 28.97 | 1.62 |
|                  | For >10 To 50, Deduct .....                                             | -0.68 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.74 |      |
|                  | For >100, Deduct .....                                                  | -3.48 |      |
| 05 05 23 00-0011 | EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt .....     | 31.18 | 1.71 |
|                  | For >10 To 50, Deduct .....                                             | -0.71 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.85 |      |
|                  | For >100, Deduct .....                                                  | -3.70 |      |
| 05 05 23 00-0012 | EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt .....     | 22.64 | 1.47 |
|                  | For >10 To 50, Deduct .....                                             | -0.62 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.49 |      |
|                  | For >100, Deduct .....                                                  | -2.98 |      |
| 05 05 23 00-0013 | EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....     | 27.52 | 1.62 |
|                  | For >10 To 50, Deduct .....                                             | -0.68 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.70 |      |
|                  | For >100, Deduct .....                                                  | -3.40 |      |
| 05 05 23 00-0014 | EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....       | 32.67 | 1.71 |
|                  | For >10 To 50, Deduct .....                                             | -0.71 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.89 |      |
|                  | For >100, Deduct .....                                                  | -3.77 |      |
| 05 05 23 00-0015 | EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....       | 47.52 | 1.79 |
|                  | For >10 To 50, Deduct .....                                             | -0.75 |      |
|                  | For >50 To 100, Deduct .....                                            | -2.31 |      |
|                  | For >100, Deduct .....                                                  | -4.62 |      |
| 05 05 23 00-0016 | EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt .....   | 55.74 | 2.03 |
|                  | For >10 To 50, Deduct .....                                             | -0.85 |      |
|                  | For >50 To 100, Deduct .....                                            | -2.66 |      |
|                  | For >100, Deduct .....                                                  | -5.32 |      |
| 05 05 23 00-0017 | EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt .....   | 62.88 | 2.18 |
|                  | For >10 To 50, Deduct .....                                             | -0.91 |      |
|                  | For >50 To 100, Deduct .....                                            | -2.93 |      |
|                  | For >100, Deduct .....                                                  | -5.86 |      |
| 05 05 23 00-0018 | <b>Galvanized A307B Heavy Hex Bolts</b> (05 05 23 00-0002)              |       |      |
| 05 05 23 00-0019 | EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt .....   | 15.04 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.23 |      |
|                  | For >100, Deduct .....                                                  | -2.45 |      |
| 05 05 23 00-0020 | EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt .....       | 16.43 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.26 |      |
|                  | For >100, Deduct .....                                                  | -2.52 |      |
| 05 05 23 00-0021 | EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt .....       | 17.94 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.30 |      |
|                  | For >100, Deduct .....                                                  | -2.60 |      |
| 05 05 23 00-0022 | EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt .....       | 21.08 | 1.55 |
|                  | For >10 To 50, Deduct .....                                             | -0.65 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.50 |      |
|                  | For >100, Deduct .....                                                  | -3.00 |      |
| 05 05 23 00-0023 | EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt .....       | 21.01 | 1.36 |
|                  | For >10 To 50, Deduct .....                                             | -0.57 |      |
|                  | For >50 To 100, Deduct .....                                            | -1.38 |      |
|                  | For >100, Deduct .....                                                  | -2.75 |      |



| MINOR            | CSI | UOM    | DESCRIPTION                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------|------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0024 | EA  | 3/4"   | Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....                     | 26.76                  | 1.55                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.65                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.64                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.28                  |                      |
| 05 05 23 00-0025 | EA  | 3/4"   | Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....                     | 36.25                  | 1.62                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.68                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.92                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.84                  |                      |
| 05 05 23 00-0026 | EA  | 3/4"   | Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....                     | 42.96                  | 1.71                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.71                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -2.14                  |                      |
|                  |     |        | For >100, Deduct                                                             | -4.29                  |                      |
| 05 05 23 00-0027 | EA  | 7/8"   | Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....                     | 28.62                  | 1.47                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.62                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.64                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.28                  |                      |
| 05 05 23 00-0028 | EA  | 7/8"   | Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....                     | 34.26                  | 1.62                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.68                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.87                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.74                  |                      |
| 05 05 23 00-0029 | EA  | 1"     | Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....                     | 41.37                  | 1.71                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.71                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -2.10                  |                      |
|                  |     |        | For >100, Deduct                                                             | -4.21                  |                      |
| 05 05 23 00-0030 | EA  | 1"     | Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....                     | 63.29                  | 1.79                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.75                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -2.71                  |                      |
|                  |     |        | For >100, Deduct                                                             | -5.41                  |                      |
| 05 05 23 00-0031 | EA  | 1-1/4" | Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....                     | 62.79                  | 2.03                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.85                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -2.84                  |                      |
|                  |     |        | For >100, Deduct                                                             | -5.67                  |                      |
| 05 05 23 00-0032 | EA  | 1-1/4" | Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....                     | 79.22                  | 2.18                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.91                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -3.34                  |                      |
|                  |     |        | For >100, Deduct                                                             | -6.68                  |                      |
| 05 05 23 00-0033 |     |        | A325 High Strength Structural Bolts (05 05 23 00-0001)                       |                        |                      |
| 05 05 23 00-0034 |     |        | Plain Finish A325 High Strength Structural Bolts (05 05 23 00-0033)          |                        |                      |
|                  |     |        | Note: Includes A325 heavy hex nut and structural washer.                     |                        |                      |
| 05 05 23 00-0035 | EA  | 1/2"   | Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt..... | 13.84                  | 1.36                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.57                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.20                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.39                  |                      |
| 05 05 23 00-0036 | EA  | 1/2"   | Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....     | 14.21                  | 1.36                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.57                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.21                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.41                  |                      |
| 05 05 23 00-0037 | EA  | 5/8"   | Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....     | 15.39                  | 1.36                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.57                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.24                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.47                  |                      |
| 05 05 23 00-0038 | EA  | 5/8"   | Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....     | 19.10                  | 1.55                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.65                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.45                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.90                  |                      |
| 05 05 23 00-0039 | EA  | 5/8"   | Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....     | 22.48                  | 1.62                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.68                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.58                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.16                  |                      |
| 05 05 23 00-0040 | EA  | 3/4"   | Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....     | 17.01                  | 1.36                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.57                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.28                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.55                  |                      |
| 05 05 23 00-0041 | EA  | 3/4"   | Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....     | 20.84                  | 1.55                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.65                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.49                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.98                  |                      |
| 05 05 23 00-0042 | EA  | 3/4"   | Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....     | 24.01                  | 1.62                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.68                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.62                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.23                  |                      |
| 05 05 23 00-0043 | EA  | 3/4"   | Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....     | 30.14                  | 1.71                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.71                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.82                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.64                  |                      |
| 05 05 23 00-0044 | EA  | 7/8"   | Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....     | 19.96                  | 1.47                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.62                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.42                  |                      |
|                  |     |        | For >100, Deduct                                                             | -2.84                  |                      |
| 05 05 23 00-0045 | EA  | 7/8"   | Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....     | 24.67                  | 1.62                 |
|                  |     |        | For >10 To 50, Deduct                                                        | -0.68                  |                      |
|                  |     |        | For >50 To 100, Deduct                                                       | -1.63                  |                      |
|                  |     |        | For >100, Deduct                                                             | -3.26                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0046 | EA  |     | 7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....   | 28.45                     | 1.71                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.71                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.78                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.56                     |                         |
| 05 05 23 00-0047 | EA  |     | 7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....   | 30.94                     | 1.79                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.75                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.90                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.79                     |                         |
| 05 05 23 00-0048 | EA  |     | 1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....     | 22.26                     | 1.53                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.64                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.52                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.03                     |                         |
| 05 05 23 00-0049 | EA  |     | 1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....     | 27.07                     | 1.71                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.71                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.75                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.49                     |                         |
| 05 05 23 00-0050 | EA  |     | 1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....     | 31.72                     | 1.79                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.75                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.92                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.83                     |                         |
| 05 05 23 00-0051 | EA  |     | 1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....     | 41.43                     | 1.91                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.80                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -2.23                     |                         |
|                  |     |     | For >100, Deduct                                                                | -4.46                     |                         |
| 05 05 23 00-0052 | EA  |     | 1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt..... | 39.37                     | 1.91                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.80                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -2.18                     |                         |
|                  |     |     | For >100, Deduct                                                                | -4.36                     |                         |
| 05 05 23 00-0053 | EA  |     | 1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... | 44.90                     | 2.03                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.85                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -2.39                     |                         |
|                  |     |     | For >100, Deduct                                                                | -4.78                     |                         |
| 05 05 23 00-0054 | EA  |     | 1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt..... | 53.13                     | 2.18                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.91                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -2.69                     |                         |
|                  |     |     | For >100, Deduct                                                                | -5.37                     |                         |
| 05 05 23 00-0055 | EA  |     | 1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt..... | 62.86                     | 2.32                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.97                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -3.02                     |                         |
|                  |     |     | For >100, Deduct                                                                | -6.04                     |                         |
| 05 05 23 00-0056 |     |     | <b>Galvanized A325 High Strength Structural Bolts</b> (05 05 23 00-0033)        |                           |                         |
|                  |     |     | Note: Includes A325 heavy hex nut and structural washer.                        |                           |                         |
| 05 05 23 00-0057 | EA  |     | 1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt..... | 14.58                     | 1.36                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.57                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.22                     |                         |
|                  |     |     | For >100, Deduct                                                                | -2.43                     |                         |
| 05 05 23 00-0058 | EA  |     | 1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....     | 14.84                     | 1.36                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.57                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.22                     |                         |
|                  |     |     | For >100, Deduct                                                                | -2.44                     |                         |
| 05 05 23 00-0059 | EA  |     | 5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....     | 16.93                     | 1.36                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.57                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.27                     |                         |
|                  |     |     | For >100, Deduct                                                                | -2.55                     |                         |
| 05 05 23 00-0060 | EA  |     | 5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....     | 20.20                     | 1.55                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.65                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.48                     |                         |
|                  |     |     | For >100, Deduct                                                                | -2.95                     |                         |
| 05 05 23 00-0061 | EA  |     | 5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....     | 21.42                     | 1.62                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.68                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.55                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.10                     |                         |
| 05 05 23 00-0062 | EA  |     | 3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....     | 17.73                     | 1.36                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.57                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.29                     |                         |
|                  |     |     | For >100, Deduct                                                                | -2.59                     |                         |
| 05 05 23 00-0063 | EA  |     | 3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....     | 21.74                     | 1.55                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.65                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.51                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.03                     |                         |
| 05 05 23 00-0064 | EA  |     | 3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....     | 25.41                     | 1.62                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.68                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.65                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.30                     |                         |
| 05 05 23 00-0065 | EA  |     | 3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....     | 33.45                     | 1.71                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.71                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.91                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.81                     |                         |
| 05 05 23 00-0066 | EA  |     | 7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....     | 24.23                     | 1.47                    |
|                  |     |     | For >10 To 50, Deduct                                                           | -0.62                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                          | -1.53                     |                         |
|                  |     |     | For >100, Deduct                                                                | -3.06                     |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0067 | EA  |     | 7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....   | 27.19                  | 1.62                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.68                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.69                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.39                  |                      |
| 05 05 23 00-0068 | EA  |     | 7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....   | 31.51                  | 1.71                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.86                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.71                  |                      |
| 05 05 23 00-0069 | EA  |     | 7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....   | 40.12                  | 1.79                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.75                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.13                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.25                  |                      |
| 05 05 23 00-0070 | EA  |     | 1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt .....     | 25.58                  | 1.53                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.64                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.60                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.20                  |                      |
| 05 05 23 00-0071 | EA  |     | 1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....     | 34.68                  | 1.71                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.94                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.87                  |                      |
| 05 05 23 00-0072 | EA  |     | 1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....     | 38.10                  | 1.79                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.75                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.08                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.15                  |                      |
| 05 05 23 00-0073 | EA  |     | 1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....     | 49.28                  | 1.91                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.80                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.43                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.86                  |                      |
| 05 05 23 00-0074 | EA  |     | 1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt ..... | 48.96                  | 1.91                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.80                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.42                  |                      |
|                  |     |     | For >100, Deduct                                                               | -4.84                  |                      |
| 05 05 23 00-0075 | EA  |     | 1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt ..... | 52.22                  | 2.03                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.85                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.57                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.15                  |                      |
| 05 05 23 00-0076 | EA  |     | 1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt ..... | 61.53                  | 2.18                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.91                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -2.90                  |                      |
|                  |     |     | For >100, Deduct                                                               | -5.79                  |                      |
| 05 05 23 00-0077 | EA  |     | 1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt ..... | 71.62                  | 2.32                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.97                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -3.24                  |                      |
|                  |     |     | For >100, Deduct                                                               | -6.48                  |                      |
| 05 05 23 00-0078 |     |     | A490 High Strength Structural Bolts (05 05 23 00-0001)                         |                        |                      |
|                  |     |     | Note: Includes A490 heavy hex nut and two structural washers.                  |                        |                      |
| 05 05 23 00-0079 |     |     | Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)            |                        |                      |
| 05 05 23 00-0080 | EA  |     | 5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....  | 15.97                  | 1.36                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.25                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.50                  |                      |
| 05 05 23 00-0081 | EA  |     | 5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....  | 23.09                  | 1.55                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.55                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.10                  |                      |
| 05 05 23 00-0082 | EA  |     | 5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....  | 24.77                  | 1.62                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.68                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.63                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.27                  |                      |
| 05 05 23 00-0083 | EA  |     | 3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....  | 18.22                  | 1.36                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.57                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.31                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.61                  |                      |
| 05 05 23 00-0084 | EA  |     | 3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....  | 22.22                  | 1.55                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.65                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.53                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.05                  |                      |
| 05 05 23 00-0085 | EA  |     | 3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....  | 26.23                  | 1.62                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.68                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.67                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.34                  |                      |
| 05 05 23 00-0086 | EA  |     | 3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....  | 34.45                  | 1.71                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.93                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.86                  |                      |
| 05 05 23 00-0087 | EA  |     | 7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....  | 21.35                  | 1.47                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.62                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.46                  |                      |
|                  |     |     | For >100, Deduct                                                               | -2.91                  |                      |
| 05 05 23 00-0088 | EA  |     | 7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....  | 25.11                  | 1.62                 |
|                  |     |     | For >10 To 50, Deduct                                                          | -0.68                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                         | -1.64                  |                      |
|                  |     |     | For >100, Deduct                                                               | -3.28                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0089 | EA  | 7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....            | 37.44                     | 1.71                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.71                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -2.00                     |                         |
|                  |     | For >100, Deduct                                                                         | -4.01                     |                         |
| 05 05 23 00-0090 | EA  | 1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....              | 25.51                     | 1.53                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.64                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -1.60                     |                         |
|                  |     | For >100, Deduct                                                                         | -3.20                     |                         |
| 05 05 23 00-0091 | EA  | 1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....              | 30.71                     | 1.71                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.71                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -1.84                     |                         |
|                  |     | For >100, Deduct                                                                         | -3.67                     |                         |
| 05 05 23 00-0092 | EA  | 1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....              | 35.65                     | 1.79                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.75                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -2.01                     |                         |
|                  |     | For >100, Deduct                                                                         | -4.03                     |                         |
| 05 05 23 00-0093 | EA  | 1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....          | 45.17                     | 1.91                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.80                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -2.32                     |                         |
|                  |     | For >100, Deduct                                                                         | -4.65                     |                         |
| 05 05 23 00-0094 | EA  | 1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....          | 58.74                     | 2.03                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.85                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -2.74                     |                         |
|                  |     | For >100, Deduct                                                                         | -5.47                     |                         |
| 05 05 23 00-0095 | EA  | 1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....          | 61.75                     | 2.18                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.91                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -2.90                     |                         |
|                  |     | For >100, Deduct                                                                         | -5.80                     |                         |
| 05 05 23 00-0096 | EA  | 1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....          | 64.34                     | 2.32                    |
|                  |     | For >10 To 50, Deduct                                                                    | -0.97                     |                         |
|                  |     | For >50 To 100, Deduct                                                                   | -3.06                     |                         |
|                  |     | For >100, Deduct                                                                         | -6.12                     |                         |
| 05 05 23 00-0097 |     | Hex Head Bolts (05 05 23 00-0001)                                                        |                           |                         |
| 05 05 23 00-0098 |     | Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)                 |                           |                         |
| 05 05 23 00-0099 |     | 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)  |                           |                         |
| 05 05 23 00-0100 | EA  | 1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 6.97                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.05                     |                         |
| 05 05 23 00-0101 | EA  | 1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.00                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.05                     |                         |
| 05 05 23 00-0102 | EA  | 1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.09                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.05                     |                         |
| 05 05 23 00-0103 | EA  | 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.14                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.05                     |                         |
| 05 05 23 00-0104 | EA  | 1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.39                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.11                     |                         |
| 05 05 23 00-0105 | EA  | 1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.43                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.11                     |                         |
| 05 05 23 00-0106 | EA  | 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.57                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.11                     |                         |
| 05 05 23 00-0107 | EA  | 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.78                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.17                     |                         |
| 05 05 23 00-0108 | EA  | 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.83                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.17                     |                         |
| 05 05 23 00-0109 | EA  | 1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.05                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.17                     |                         |
| 05 05 23 00-0110 | EA  | 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 8.40                      |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.23                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0111 | EA  |     | 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.56                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.23                  |                      |
| 05 05 23 00-0112 | EA  |     | 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 8.79                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.23                  |                      |
| 05 05 23 00-0113 | EA  |     | 1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.47                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.28                  |                      |
| 05 05 23 00-0114 | EA  |     | 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.82                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.28                  |                      |
| 05 05 23 00-0115 | EA  |     | 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.92                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.28                  |                      |
| 05 05 23 00-0116 |     |     | 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05              |                        |                      |
|                  |     |     | 23 00-0098)                                                                               |                        |                      |
| 05 05 23 00-0117 | EA  |     | 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 7.05                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.05                  |                      |
| 05 05 23 00-0118 | EA  |     | 5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.08                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.05                  |                      |
| 05 05 23 00-0119 | EA  |     | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.16                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.05                  |                      |
| 05 05 23 00-0120 | EA  |     | 5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.22                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.05                  |                      |
| 05 05 23 00-0121 | EA  |     | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.49                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.11                  |                      |
| 05 05 23 00-0122 | EA  |     | 5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.64                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.11                  |                      |
| 05 05 23 00-0123 | EA  |     | 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 7.69                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.11                  |                      |
| 05 05 23 00-0124 | EA  |     | 5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.04                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.17                  |                      |
| 05 05 23 00-0125 | EA  |     | 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 8.25                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.17                  |                      |
| 05 05 23 00-0126 | EA  |     | 5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.33                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.17                  |                      |
| 05 05 23 00-0127 | EA  |     | 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 8.59                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.23                  |                      |
| 05 05 23 00-0128 | EA  |     | 5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.67                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.23                  |                      |
| 05 05 23 00-0129 | EA  |     | 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 9.47                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.23                  |                      |
| 05 05 23 00-0130 | EA  |     | 5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.05                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.28                  |                      |
| 05 05 23 00-0131 | EA  |     | 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 10.40                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.28                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|-------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0132        | EA  |     | 5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.72                     |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.52                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.90                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.28                     |                         |
| <b>05 05 23 00-0133</b> |     |     | <b>3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> (05 05)       |                           |                         |
|                         |     |     | 23 00-0098                                                                                |                           |                         |
| 05 05 23 00-0134        | EA  |     | 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 7.15                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.37                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.71                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.05                     |                         |
| 05 05 23 00-0135        | EA  |     | 3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 7.18                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.37                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.71                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.05                     |                         |
| 05 05 23 00-0136        | EA  |     | 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 7.29                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.37                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.71                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.05                     |                         |
| 05 05 23 00-0137        | EA  |     | 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 7.39                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.37                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.71                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.05                     |                         |
| 05 05 23 00-0138        | EA  |     | 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 7.67                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.41                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.76                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.11                     |                         |
| 05 05 23 00-0139        | EA  |     | 3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 7.86                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.41                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.76                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.11                     |                         |
| 05 05 23 00-0140        | EA  |     | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 8.04                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.41                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.76                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.11                     |                         |
| 05 05 23 00-0141        | EA  |     | 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.43                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.45                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.81                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.17                     |                         |
| 05 05 23 00-0142        | EA  |     | 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 8.67                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.45                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.81                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.17                     |                         |
| 05 05 23 00-0143        | EA  |     | 3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.80                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.45                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.81                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.17                     |                         |
| 05 05 23 00-0144        | EA  |     | 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.24                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.48                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.86                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.23                     |                         |
| 05 05 23 00-0145        | EA  |     | 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.37                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.48                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.86                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.23                     |                         |
| 05 05 23 00-0146        | EA  |     | 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.47                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.48                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.86                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.23                     |                         |
| 05 05 23 00-0147        | EA  |     | 3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.72                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.52                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.90                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.28                     |                         |
| 05 05 23 00-0148        | EA  |     | 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.87                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.52                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.90                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.28                     |                         |
| 05 05 23 00-0149        | EA  |     | 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.08                     |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.52                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.90                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.28                     |                         |
| <b>05 05 23 00-0150</b> |     |     | <b>7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> (05 05)      |                           |                         |
|                         |     |     | 23 00-0098                                                                                |                           |                         |
| 05 05 23 00-0151        | EA  |     | 7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.57                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.56                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.95                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.34                     |                         |
| 05 05 23 00-0152        | EA  |     | 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 8.72                      |                         |
|                         |     |     | For >100 To 250, Deduct                                                                   | -1.56                     |                         |
|                         |     |     | For >250 To 500, Deduct                                                                   | -1.95                     |                         |
|                         |     |     | For >500, Deduct                                                                          | -2.34                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0153 | EA  |     | 7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.74                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.34                  |                      |
| 05 05 23 00-0154 | EA  |     | 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 9.13                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0155 | EA  |     | 7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 9.36                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0156 | EA  |     | 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 9.54                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0157 | EA  |     | 7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.22                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.46                  |                      |
| 05 05 23 00-0158 | EA  |     | 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 10.36                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.46                  |                      |
| 05 05 23 00-0159 | EA  |     | 7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.63                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.46                  |                      |
| 05 05 23 00-0160 | EA  |     | 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.29                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0161 | EA  |     | 7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.42                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0162 | EA  |     | 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.76                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0163 | EA  |     | 7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 12.10                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0164 | EA  |     | 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 12.41                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0165 | EA  |     | 7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.02                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0166 |     |     | 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05               |                        |                      |
|                  |     |     | 23 00-0098)                                                                               |                        |                      |
| 05 05 23 00-0167 | EA  |     | 1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.44                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.34                  |                      |
| 05 05 23 00-0168 | EA  |     | 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 8.62                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.34                  |                      |
| 05 05 23 00-0169 | EA  |     | 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.80                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.34                  |                      |
| 05 05 23 00-0170 | EA  |     | 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.20                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0171 | EA  |     | 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.38                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0172 | EA  |     | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.57                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.40                  |                      |
| 05 05 23 00-0173 | EA  |     | 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.01                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.46                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0174 | EA  | 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 10.22                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.05                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.46                     |                         |
| 05 05 23 00-0175 | EA  | 1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.60                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.05                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.46                     |                         |
| 05 05 23 00-0176 | EA  | 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 10.86                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.10                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.52                     |                         |
| 05 05 23 00-0177 | EA  | 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.90                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.10                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.52                     |                         |
| 05 05 23 00-0178 | EA  | 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 11.22                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.10                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.52                     |                         |
| 05 05 23 00-0179 | EA  | 1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 11.70                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.15                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.58                     |                         |
| 05 05 23 00-0180 | EA  | 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 11.90                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.15                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.58                     |                         |
| 05 05 23 00-0181 | EA  | 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 12.45                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.15                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.58                     |                         |
| 05 05 23 00-0182 | EA  | 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 12.93                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.20                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.64                     |                         |
| 05 05 23 00-0183 | EA  | 1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 13.13                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.20                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.64                     |                         |
| 05 05 23 00-0184 | EA  | 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 13.90                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.20                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.64                     |                         |
| 05 05 23 00-0185 | EA  | 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 14.12                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.20                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.64                     |                         |
| 05 05 23 00-0186 |     | 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05              |                           |                         |
|                  |     | 23 00-0018)                                                                               |                           |                         |
| 05 05 23 00-0187 | EA  | 9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.63                      |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -1.95                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.34                     |                         |
| 05 05 23 00-0188 | EA  | 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 8.88                      |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -1.95                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.34                     |                         |
| 05 05 23 00-0189 | EA  | 9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 8.94                      |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -1.95                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.34                     |                         |
| 05 05 23 00-0190 | EA  | 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 9.94                      |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.00                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.40                     |                         |
| 05 05 23 00-0191 | EA  | 9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.26                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.00                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.40                     |                         |
| 05 05 23 00-0192 | EA  | 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 10.37                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.00                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.40                     |                         |
| 05 05 23 00-0193 | EA  | 9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.60                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.05                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.46                     |                         |
| 05 05 23 00-0194 | EA  | 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 10.68                     |                         |
|                  |     | For >100 To 250, Deduct                                                                   | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct                                                                   | -2.05                     |                         |
|                  |     | For >500, Deduct                                                                          | -2.46                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0195 | EA  |     | 9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.95                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.46                  |                      |
| 05 05 23 00-0196 | EA  |     | 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.22                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0197 | EA  |     | 9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.30                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0198 | EA  |     | 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.54                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.52                  |                      |
| 05 05 23 00-0199 | EA  |     | 9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.99                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0200 | EA  |     | 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 12.28                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0201 | EA  |     | 9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 12.57                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.58                  |                      |
| 05 05 23 00-0202 | EA  |     | 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.03                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0203 | EA  |     | 9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.37                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0204 | EA  |     | 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.60                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0205 | EA  |     | 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 13.95                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0206 |     |     | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05               |                        |                      |
|                  |     |     | 23 00-0098)                                                                               |                        |                      |
| 05 05 23 00-0207 | EA  |     | 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.15                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0208 | EA  |     | 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 10.32                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0209 | EA  |     | 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.53                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.20                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.64                  |                      |
| 05 05 23 00-0210 | EA  |     | 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 11.01                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.25                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.69                  |                      |
| 05 05 23 00-0211 | EA  |     | 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 11.33                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.25                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.69                  |                      |
| 05 05 23 00-0212 | EA  |     | 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 11.73                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.25                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.69                  |                      |
| 05 05 23 00-0213 | EA  |     | 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 12.42                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.29                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.75                  |                      |
| 05 05 23 00-0214 | EA  |     | 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 13.03                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.29                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.75                  |                      |
| 05 05 23 00-0215 | EA  |     | 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 13.51                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                   | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                   | -2.29                  |                      |
|                  |     |     | For >500, Deduct                                                                          | -2.75                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0216 | EA  |     | 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.90                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.87                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.34                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.81                     |                         |
| 05 05 23 00-0217 | EA  |     | 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.96                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.87                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.34                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.81                     |                         |
| 05 05 23 00-0218 | EA  |     | 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 14.77                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.87                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.34                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.81                     |                         |
| 05 05 23 00-0219 | EA  |     | 5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 15.42                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.39                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.87                     |                         |
| 05 05 23 00-0220 | EA  |     | 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 16.06                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.39                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.87                     |                         |
| 05 05 23 00-0221 | EA  |     | 5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 16.81                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.39                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.87                     |                         |
| 05 05 23 00-0222 | EA  |     | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 17.82                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0223 | EA  |     | 5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 18.55                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0224 | EA  |     | 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 19.30                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0225 | EA  |     | 5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 19.88                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0226 |     |     | <b>3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> .....        |                           |                         |
|                  |     |     | <small>23 00-0098</small>                                                                |                           |                         |
| 05 05 23 00-0227 | EA  |     | 3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.70                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.76                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.20                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.64                     |                         |
| 05 05 23 00-0228 | EA  |     | 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.03                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.76                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.20                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.64                     |                         |
| 05 05 23 00-0229 | EA  |     | 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.34                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.76                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.20                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.64                     |                         |
| 05 05 23 00-0230 | EA  |     | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.91                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.80                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.25                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.69                     |                         |
| 05 05 23 00-0231 | EA  |     | 3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 12.38                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.80                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.25                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.69                     |                         |
| 05 05 23 00-0232 | EA  |     | 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 12.80                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.80                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.25                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.69                     |                         |
| 05 05 23 00-0233 | EA  |     | 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.44                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.29                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.75                     |                         |
| 05 05 23 00-0234 | EA  |     | 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 14.02                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.29                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.75                     |                         |
| 05 05 23 00-0235 | EA  |     | 3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 14.48                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.29                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.75                     |                         |
| 05 05 23 00-0236 | EA  |     | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 15.63                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                  | -1.87                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                  | -2.34                     |                         |
|                  |     |     | For >500, Deduct                                                                         | -2.81                     |                         |





| MINOR            | CSI | UOM  | DESCRIPTION                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------|-------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0237 | EA  | 3/4" | Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 16.01                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.87                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.34                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.81                  |                      |
| 05 05 23 00-0238 | EA  | 3/4" | Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 16.73                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.87                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.34                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.81                  |                      |
| 05 05 23 00-0239 | EA  | 3/4" | Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 16.96                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.91                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.39                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.87                  |                      |
| 05 05 23 00-0240 | EA  | 3/4" | Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 18.64                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.91                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.39                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.87                  |                      |
| 05 05 23 00-0241 | EA  | 3/4" | Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 19.42                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.91                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.39                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.87                  |                      |
| 05 05 23 00-0242 | EA  | 3/4" | Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 20.64                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0243 | EA  | 3/4" | Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 21.42                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0244 | EA  | 3/4" | Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 22.46                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0245 | EA  | 3/4" | Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 23.47                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0246 |     |      | 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05         |                        |                      |
|                  |     |      | 23 00-0098)                                                                         |                        |                      |
| 05 05 23 00-0247 | EA  | 7/8" | Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.42                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0248 | EA  | 7/8" | Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.70                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0249 | EA  | 7/8" | Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.84                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.95                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.44                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.93                  |                      |
| 05 05 23 00-0250 | EA  | 7/8" | Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 14.42                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.99                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.49                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.99                  |                      |
| 05 05 23 00-0251 | EA  | 7/8" | Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 15.18                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.99                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.49                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.99                  |                      |
| 05 05 23 00-0252 | EA  | 7/8" | Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 16.07                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.99                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.49                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.99                  |                      |
| 05 05 23 00-0253 | EA  | 7/8" | Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 17.00                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.03                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.54                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.05                  |                      |
| 05 05 23 00-0254 | EA  | 7/8" | Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 18.30                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.03                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.54                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.05                  |                      |
| 05 05 23 00-0255 | EA  | 7/8" | Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 19.02                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.03                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.54                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.05                  |                      |
| 05 05 23 00-0256 | EA  | 7/8" | Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 19.78                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.07                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.59                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.11                  |                      |
| 05 05 23 00-0257 | EA  | 7/8" | Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 20.21                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.07                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.59                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.11                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0258 | EA  | 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 21.23                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.07                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.59                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.11                     |                         |
| 05 05 23 00-0259 | EA  | 7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 22.45                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.11                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.64                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.16                     |                         |
| 05 05 23 00-0260 | EA  | 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 23.49                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.11                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.64                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.16                     |                         |
| 05 05 23 00-0261 | EA  | 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 24.51                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.11                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.64                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.16                     |                         |
| 05 05 23 00-0262 | EA  | 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 25.67                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.15                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.69                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.22                     |                         |
| 05 05 23 00-0263 | EA  | 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 26.75                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.15                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.69                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.22                     |                         |
| 05 05 23 00-0264 | EA  | 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 27.75                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.15                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.69                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.22                     |                         |
| 05 05 23 00-0265 | EA  | 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 28.81                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.15                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.69                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.22                     |                         |
| 05 05 23 00-0266 |     | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)    |                           |                         |
| 05 05 23 00-0267 | EA  | 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 14.68                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0268 | EA  | 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 16.55                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.44                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.93                     |                         |
| 05 05 23 00-0269 | EA  | 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 17.93                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.99                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.49                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.99                     |                         |
| 05 05 23 00-0270 | EA  | 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 19.41                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.99                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.49                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.99                     |                         |
| 05 05 23 00-0271 | EA  | 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 20.75                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -1.99                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.49                     |                         |
|                  |     | For >500, Deduct                                                                         | -2.99                     |                         |
| 05 05 23 00-0272 | EA  | 1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 22.33                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.03                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.54                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.05                     |                         |
| 05 05 23 00-0273 | EA  | 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 23.63                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.03                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.54                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.05                     |                         |
| 05 05 23 00-0274 | EA  | 1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 24.97                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.03                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.54                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.05                     |                         |
| 05 05 23 00-0275 | EA  | 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 25.84                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.07                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.59                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.11                     |                         |
| 05 05 23 00-0276 | EA  | 1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 26.49                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.07                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.59                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.11                     |                         |
| 05 05 23 00-0277 | EA  | 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 27.62                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.07                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.59                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.11                     |                         |
| 05 05 23 00-0278 | EA  | 1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 28.93                     |                         |
|                  |     | For >100 To 250, Deduct                                                                  | -2.11                     |                         |
|                  |     | For >250 To 500, Deduct                                                                  | -2.64                     |                         |
|                  |     | For >500, Deduct                                                                         | -3.16                     |                         |



| MINOR            | CSI | UOM  | DESCRIPTION                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------|-------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0279 | EA  | 1"   | Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 30.05                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.11                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.64                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.16                  |                      |
| 05 05 23 00-0280 | EA  | 1"   | Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 31.21                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.11                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.64                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.16                  |                      |
| 05 05 23 00-0281 | EA  | 1"   | Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 32.34                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.15                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.69                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.22                  |                      |
| 05 05 23 00-0282 | EA  | 1"   | Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 33.65                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.15                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.69                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.22                  |                      |
| 05 05 23 00-0283 | EA  | 1"   | Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 34.81                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.15                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.69                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.22                  |                      |
| 05 05 23 00-0284 | EA  | 1"   | Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 35.99                  |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -2.15                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -2.69                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -3.22                  |                      |
| 05 05 23 00-0285 |     |      | Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0097)                       |                        |                      |
| 05 05 23 00-0286 |     |      | 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)        |                        |                      |
| 05 05 23 00-0287 | EA  | 1/4" | Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....              | 7.03                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.37                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.71                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.05                  |                      |
| 05 05 23 00-0288 | EA  | 1/4" | Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 7.09                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.37                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.71                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.05                  |                      |
| 05 05 23 00-0289 | EA  | 1/4" | Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 7.14                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.37                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.71                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.05                  |                      |
| 05 05 23 00-0290 | EA  | 1/4" | Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 7.24                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.37                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.71                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.05                  |                      |
| 05 05 23 00-0291 | EA  | 1/4" | Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 7.53                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.41                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.76                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.11                  |                      |
| 05 05 23 00-0292 | EA  | 1/4" | Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 7.71                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.41                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.76                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.11                  |                      |
| 05 05 23 00-0293 | EA  | 1/4" | Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 7.90                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.41                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.76                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.11                  |                      |
| 05 05 23 00-0294 | EA  | 1/4" | Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 8.25                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.45                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.81                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.17                  |                      |
| 05 05 23 00-0295 | EA  | 1/4" | Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 8.49                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.45                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.81                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.17                  |                      |
| 05 05 23 00-0296 | EA  | 1/4" | Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 8.65                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.45                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.81                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.17                  |                      |
| 05 05 23 00-0297 | EA  | 1/4" | Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 9.01                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.48                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.86                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.23                  |                      |
| 05 05 23 00-0298 | EA  | 1/4" | Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 9.16                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.48                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.86                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.23                  |                      |
| 05 05 23 00-0299 | EA  | 1/4" | Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....            | 9.31                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.48                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.86                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.23                  |                      |
| 05 05 23 00-0300 | EA  | 1/4" | Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....                | 9.70                   |                      |
|                  |     |      | For >100 To 250, Deduct                                                             | -1.52                  |                      |
|                  |     |      | For >250 To 500, Deduct                                                             | -1.90                  |                      |
|                  |     |      | For >500, Deduct                                                                    | -2.28                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0301 | EA  | 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 9.92                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.90                     |                         |
|                  |     | For >500, Deduct                                                               | -2.28                     |                         |
| 05 05 23 00-0302 | EA  | 1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 10.13                     |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.90                     |                         |
|                  |     | For >500, Deduct                                                               | -2.28                     |                         |
| 05 05 23 00-0303 |     | 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)  |                           |                         |
| 05 05 23 00-0304 | EA  | 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 7.15                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.71                     |                         |
|                  |     | For >500, Deduct                                                               | -2.05                     |                         |
| 05 05 23 00-0305 | EA  | 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 7.19                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.71                     |                         |
|                  |     | For >500, Deduct                                                               | -2.05                     |                         |
| 05 05 23 00-0306 | EA  | 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 7.26                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.71                     |                         |
|                  |     | For >500, Deduct                                                               | -2.05                     |                         |
| 05 05 23 00-0307 | EA  | 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 7.40                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.71                     |                         |
|                  |     | For >500, Deduct                                                               | -2.05                     |                         |
| 05 05 23 00-0308 | EA  | 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 7.69                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.76                     |                         |
|                  |     | For >500, Deduct                                                               | -2.11                     |                         |
| 05 05 23 00-0309 | EA  | 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 7.86                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.76                     |                         |
|                  |     | For >500, Deduct                                                               | -2.11                     |                         |
| 05 05 23 00-0310 | EA  | 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 8.15                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.76                     |                         |
|                  |     | For >500, Deduct                                                               | -2.11                     |                         |
| 05 05 23 00-0311 | EA  | 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 8.50                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.81                     |                         |
|                  |     | For >500, Deduct                                                               | -2.17                     |                         |
| 05 05 23 00-0312 | EA  | 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 8.74                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.81                     |                         |
|                  |     | For >500, Deduct                                                               | -2.17                     |                         |
| 05 05 23 00-0313 | EA  | 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 8.95                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.81                     |                         |
|                  |     | For >500, Deduct                                                               | -2.17                     |                         |
| 05 05 23 00-0314 | EA  | 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 9.57                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.86                     |                         |
|                  |     | For >500, Deduct                                                               | -2.23                     |                         |
| 05 05 23 00-0315 | EA  | 5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 9.65                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.86                     |                         |
|                  |     | For >500, Deduct                                                               | -2.23                     |                         |
| 05 05 23 00-0316 | EA  | 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 9.94                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.86                     |                         |
|                  |     | For >500, Deduct                                                               | -2.23                     |                         |
| 05 05 23 00-0317 | EA  | 5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 10.51                     |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.90                     |                         |
|                  |     | For >500, Deduct                                                               | -2.28                     |                         |
| 05 05 23 00-0318 | EA  | 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 10.91                     |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.90                     |                         |
|                  |     | For >500, Deduct                                                               | -2.28                     |                         |
| 05 05 23 00-0319 | EA  | 5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 11.29                     |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.90                     |                         |
|                  |     | For >500, Deduct                                                               | -2.28                     |                         |
| 05 05 23 00-0320 |     | 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)   |                           |                         |
| 05 05 23 00-0321 | EA  | 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 7.21                      |                         |
|                  |     | For >100 To 250, Deduct                                                        | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                        | -1.71                     |                         |
|                  |     | For >500, Deduct                                                               | -2.05                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0322 | EA  |     | 3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 7.25                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.05                  |                      |
| 05 05 23 00-0323 | EA  |     | 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 7.38                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.05                  |                      |
| 05 05 23 00-0324 | EA  |     | 3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 7.52                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.05                  |                      |
| 05 05 23 00-0325 | EA  |     | 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 7.87                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.11                  |                      |
| 05 05 23 00-0326 | EA  |     | 3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 8.03                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.11                  |                      |
| 05 05 23 00-0327 | EA  |     | 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 8.29                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.11                  |                      |
| 05 05 23 00-0328 | EA  |     | 3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 8.77                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.17                  |                      |
| 05 05 23 00-0329 | EA  |     | 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 9.38                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.17                  |                      |
| 05 05 23 00-0330 | EA  |     | 3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 9.66                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.17                  |                      |
| 05 05 23 00-0331 | EA  |     | 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 10.21                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.23                  |                      |
| 05 05 23 00-0332 | EA  |     | 3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 10.47                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.23                  |                      |
| 05 05 23 00-0333 | EA  |     | 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 10.93                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.23                  |                      |
| 05 05 23 00-0334 | EA  |     | 3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 11.46                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.28                  |                      |
| 05 05 23 00-0335 | EA  |     | 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....  | 12.07                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.28                  |                      |
| 05 05 23 00-0336 | EA  |     | 3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....      | 12.56                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.28                  |                      |
| 05 05 23 00-0337 |     |     | 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts.....                |                        |                      |
|                  |     |     | (05 05 23 00-0285)                                                             |                        |                      |
| 05 05 23 00-0338 | EA  |     | 7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 8.46                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.34                  |                      |
| 05 05 23 00-0339 | EA  |     | 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 8.58                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.34                  |                      |
| 05 05 23 00-0340 | EA  |     | 7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 8.90                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.34                  |                      |
| 05 05 23 00-0341 | EA  |     | 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 9.33                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.40                  |                      |
| 05 05 23 00-0342 | EA  |     | 7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 9.56                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                        | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                        | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                               | -2.40                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0343 | EA  |     | 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 9.77                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.00                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.40                     |                         |
| 05 05 23 00-0344 | EA  |     | 7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....        | 10.24                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0345 | EA  |     | 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 11.44                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0346 | EA  |     | 7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....        | 11.98                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0347 | EA  |     | 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 12.35                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.68                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.10                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.52                     |                         |
| 05 05 23 00-0348 | EA  |     | 7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....        | 12.60                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.68                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.10                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.52                     |                         |
| 05 05 23 00-0349 | EA  |     | 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 12.86                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.68                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.10                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.52                     |                         |
| 05 05 23 00-0350 | EA  |     | 7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....        | 13.40                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.72                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.15                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.58                     |                         |
| 05 05 23 00-0351 | EA  |     | 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 13.75                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.72                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.15                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.58                     |                         |
| 05 05 23 00-0352 | EA  |     | 7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....        | 14.10                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.72                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.15                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.58                     |                         |
| 05 05 23 00-0353 |     |     | 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)..... | 8.62                      |                         |
| 05 05 23 00-0354 | EA  |     | 1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....         |                           |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.56                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -1.95                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.34                     |                         |
| 05 05 23 00-0355 | EA  |     | 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 8.79                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.56                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -1.95                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.34                     |                         |
| 05 05 23 00-0356 | EA  |     | 1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....         | 8.97                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.56                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -1.95                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.34                     |                         |
| 05 05 23 00-0357 | EA  |     | 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 9.45                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.00                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.40                     |                         |
| 05 05 23 00-0358 | EA  |     | 1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....         | 9.72                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.00                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.40                     |                         |
| 05 05 23 00-0359 | EA  |     | 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 10.02                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.00                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.40                     |                         |
| 05 05 23 00-0360 | EA  |     | 1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....         | 10.46                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0361 | EA  |     | 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 11.41                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0362 | EA  |     | 1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....         | 11.47                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.05                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.46                     |                         |
| 05 05 23 00-0363 | EA  |     | 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 12.32                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                           | -1.68                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                           | -2.10                     |                         |
|                  |     |     | For >500, Deduct                                                                  | -2.52                     |                         |



| MINOR            | CSI | UOM   | DESCRIPTION                                                                                                                                         | TOTAL DIRECT UNIT COST           | DEMOLITION UNIT COST |
|------------------|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|
| 05 05 23 00-0364 | EA  | 1/2"  | Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 12.69<br>-1.68<br>-2.10<br>-2.52 |                      |
| 05 05 23 00-0365 | EA  | 1/2"  | Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 13.64<br>-1.68<br>-2.10<br>-2.52 |                      |
| 05 05 23 00-0366 | EA  | 1/2"  | Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 14.68<br>-1.72<br>-2.15<br>-2.58 |                      |
| 05 05 23 00-0367 | EA  | 1/2"  | Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 15.22<br>-1.72<br>-2.15<br>-2.58 |                      |
| 05 05 23 00-0368 | EA  | 1/2"  | Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 15.41<br>-1.72<br>-2.15<br>-2.58 |                      |
| 05 05 23 00-0369 | EA  | 1/2"  | Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 16.59<br>-1.76<br>-2.20<br>-2.64 |                      |
| 05 05 23 00-0370 | EA  | 1/2"  | Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 17.52<br>-1.76<br>-2.20<br>-2.64 |                      |
| 05 05 23 00-0371 | EA  | 1/2"  | Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 18.83<br>-1.76<br>-2.20<br>-2.64 |                      |
| 05 05 23 00-0372 | EA  | 1/2"  | Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct    | 19.34<br>-1.76<br>-2.20<br>-2.64 |                      |
| 05 05 23 00-0373 |     |       | 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)                                                                       |                                  |                      |
| 05 05 23 00-0374 | EA  | 9/16" | Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 9.14<br>-1.56<br>-1.95<br>-2.34  |                      |
| 05 05 23 00-0375 | EA  | 9/16" | Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 9.44<br>-1.56<br>-1.95<br>-2.34  |                      |
| 05 05 23 00-0376 | EA  | 9/16" | Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 9.72<br>-1.56<br>-1.95<br>-2.34  |                      |
| 05 05 23 00-0377 | EA  | 9/16" | Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 10.21<br>-1.60<br>-2.00<br>-2.40 |                      |
| 05 05 23 00-0378 | EA  | 9/16" | Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 10.60<br>-1.60<br>-2.00<br>-2.40 |                      |
| 05 05 23 00-0379 | EA  | 9/16" | Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 11.02<br>-1.60<br>-2.00<br>-2.40 |                      |
| 05 05 23 00-0380 | EA  | 9/16" | Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 11.70<br>-1.64<br>-2.05<br>-2.46 |                      |
| 05 05 23 00-0381 | EA  | 9/16" | Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 13.35<br>-1.64<br>-2.05<br>-2.46 |                      |
| 05 05 23 00-0382 | EA  | 9/16" | Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 13.78<br>-1.64<br>-2.05<br>-2.46 |                      |
| 05 05 23 00-0383 | EA  | 9/16" | Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 14.46<br>-1.68<br>-2.10<br>-2.52 |                      |
| 05 05 23 00-0384 | EA  | 9/16" | Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct     | 14.92<br>-1.68<br>-2.10<br>-2.52 |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0385 | EA  | 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt    | 16.44                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.10                     |                         |
|                  |     | For >500, Deduct                                                             | -2.52                     |                         |
| 05 05 23 00-0386 | EA  | 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt        | 18.51                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.15                     |                         |
|                  |     | For >500, Deduct                                                             | -2.58                     |                         |
| 05 05 23 00-0387 | EA  | 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt    | 19.14                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.15                     |                         |
|                  |     | For >500, Deduct                                                             | -2.58                     |                         |
| 05 05 23 00-0388 | EA  | 9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt        | 20.19                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.15                     |                         |
|                  |     | For >500, Deduct                                                             | -2.58                     |                         |
| 05 05 23 00-0389 | EA  | 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt    | 21.38                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0390 | EA  | 9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt        | 21.77                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0391 | EA  | 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt    | 22.15                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0392 | EA  | 9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt       | 23.09                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0393 |     | 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285) |                           |                         |
| 05 05 23 00-0394 | EA  | 5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 10.44                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0395 | EA  | 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 10.55                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0396 | EA  | 5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 10.64                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.20                     |                         |
|                  |     | For >500, Deduct                                                             | -2.64                     |                         |
| 05 05 23 00-0397 | EA  | 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 11.12                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.25                     |                         |
|                  |     | For >500, Deduct                                                             | -2.69                     |                         |
| 05 05 23 00-0398 | EA  | 5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 11.62                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.25                     |                         |
|                  |     | For >500, Deduct                                                             | -2.69                     |                         |
| 05 05 23 00-0399 | EA  | 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 12.08                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.25                     |                         |
|                  |     | For >500, Deduct                                                             | -2.69                     |                         |
| 05 05 23 00-0400 | EA  | 5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 12.74                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.29                     |                         |
|                  |     | For >500, Deduct                                                             | -2.75                     |                         |
| 05 05 23 00-0401 | EA  | 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 13.63                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.29                     |                         |
|                  |     | For >500, Deduct                                                             | -2.75                     |                         |
| 05 05 23 00-0402 | EA  | 5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 14.10                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.29                     |                         |
|                  |     | For >500, Deduct                                                             | -2.75                     |                         |
| 05 05 23 00-0403 | EA  | 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 14.55                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.34                     |                         |
|                  |     | For >500, Deduct                                                             | -2.81                     |                         |
| 05 05 23 00-0404 | EA  | 5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | 15.31                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.34                     |                         |
|                  |     | For >500, Deduct                                                             | -2.81                     |                         |
| 05 05 23 00-0405 | EA  | 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | 16.51                     |                         |
|                  |     | For >100 To 250, Deduct                                                      | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct                                                      | -2.34                     |                         |
|                  |     | For >500, Deduct                                                             | -2.81                     |                         |





| MINOR            | CSI | UOM                                                                          | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-0406 | EA  | 5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 17.80                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.91                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.39                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.87                  |                      |
| 05 05 23 00-0407 | EA  | 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 18.80                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.91                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.39                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.87                  |                      |
| 05 05 23 00-0408 | EA  | 5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 18.95                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.91                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.39                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.87                  |                      |
| 05 05 23 00-0409 | EA  | 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 20.95                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.93                  |                      |
| 05 05 23 00-0410 | EA  | 5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 22.29                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.93                  |                      |
| 05 05 23 00-0411 | EA  | 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 24.26                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.93                  |                      |
| 05 05 23 00-0412 | EA  | 5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt        | .....       | 24.95                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.93                  |                      |
| 05 05 23 00-0413 |     | 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285) |             |                        |                      |
| 05 05 23 00-0414 | EA  | 3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 11.57                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.76                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.20                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.64                  |                      |
| 05 05 23 00-0415 | EA  | 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 11.77                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.76                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.20                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.64                  |                      |
| 05 05 23 00-0416 | EA  | 3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 11.87                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.76                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.20                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.64                  |                      |
| 05 05 23 00-0417 | EA  | 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 12.49                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.80                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.25                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.69                  |                      |
| 05 05 23 00-0418 | EA  | 3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 12.99                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.80                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.25                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.69                  |                      |
| 05 05 23 00-0419 | EA  | 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 13.76                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.80                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.25                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.69                  |                      |
| 05 05 23 00-0420 | EA  | 3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 14.47                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.83                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.29                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.75                  |                      |
| 05 05 23 00-0421 | EA  | 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 14.96                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.83                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.29                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.75                  |                      |
| 05 05 23 00-0422 | EA  | 3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 15.99                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.83                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.29                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.75                  |                      |
| 05 05 23 00-0423 | EA  | 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 16.67                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.87                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.34                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.81                  |                      |
| 05 05 23 00-0424 | EA  | 3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 17.52                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.87                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.34                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.81                  |                      |
| 05 05 23 00-0425 | EA  | 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt     | .....       | 18.56                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.87                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.34                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.81                  |                      |
| 05 05 23 00-0426 | EA  | 3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt         | .....       | 20.23                  |                      |
|                  |     | For >100 To 250, Deduct                                                      | .....       | -1.91                  |                      |
|                  |     | For >250 To 500, Deduct                                                      | .....       | -2.39                  |                      |
|                  |     | For >500, Deduct                                                             | .....       | -2.87                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0427 | EA  |     | 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 21.31                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.39                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.87                     |                         |
| 05 05 23 00-0428 | EA  |     | 3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 21.93                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.39                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.87                     |                         |
| 05 05 23 00-0429 | EA  |     | 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 23.74                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0430 | EA  |     | 3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 24.29                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0431 | EA  |     | 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 26.08                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0432 | EA  |     | 3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....          | 26.52                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0433 |     |     | <b>7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> (05 05 23 00-0285) |                           |                         |
| 05 05 23 00-0434 | EA  |     | 7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 13.96                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0435 | EA  |     | 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 14.20                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0436 | EA  |     | 7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 14.54                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.44                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.93                     |                         |
| 05 05 23 00-0437 | EA  |     | 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 15.07                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.99                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.49                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.99                     |                         |
| 05 05 23 00-0438 | EA  |     | 7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 16.08                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.99                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.49                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.99                     |                         |
| 05 05 23 00-0439 | EA  |     | 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 16.75                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -1.99                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.49                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -2.99                     |                         |
| 05 05 23 00-0440 | EA  |     | 7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 17.45                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.05                     |                         |
| 05 05 23 00-0441 | EA  |     | 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 18.64                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.05                     |                         |
| 05 05 23 00-0442 | EA  |     | 7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 19.54                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.05                     |                         |
| 05 05 23 00-0443 | EA  |     | 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 20.17                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.11                     |                         |
| 05 05 23 00-0444 | EA  |     | 7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 20.91                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.11                     |                         |
| 05 05 23 00-0445 | EA  |     | 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 24.12                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.11                     |                         |
| 05 05 23 00-0446 | EA  |     | 7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....           | 25.45                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.64                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.16                     |                         |
| 05 05 23 00-0447 | EA  |     | 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 26.86                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                             | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                             | -2.64                     |                         |
|                  |     |     | For >500, Deduct                                                                    | -3.16                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0448 | EA  |     | 7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 26.95                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.16                  |                      |
| 05 05 23 00-0449 | EA  |     | 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 29.18                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.22                  |                      |
| 05 05 23 00-0450 | EA  |     | 7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....     | 30.55                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.22                  |                      |
| 05 05 23 00-0451 | EA  |     | 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... | 31.73                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.22                  |                      |
| 05 05 23 00-0452 | EA  |     | 7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....    | 32.91                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.22                  |                      |
| 05 05 23 00-0453 |     |     | 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)    |                        |                      |
| 05 05 23 00-0454 | EA  |     | 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 16.20                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.44                  |                      |
|                  |     |     | For >500, Deduct                                                              | -2.93                  |                      |
| 05 05 23 00-0455 | EA  |     | 1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 16.28                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.44                  |                      |
|                  |     |     | For >500, Deduct                                                              | -2.93                  |                      |
| 05 05 23 00-0456 | EA  |     | 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 17.23                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                              | -2.99                  |                      |
| 05 05 23 00-0457 | EA  |     | 1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 18.20                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                              | -2.99                  |                      |
| 05 05 23 00-0458 | EA  |     | 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 18.92                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                              | -2.99                  |                      |
| 05 05 23 00-0459 | EA  |     | 1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 20.03                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.05                  |                      |
| 05 05 23 00-0460 | EA  |     | 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 21.17                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.05                  |                      |
| 05 05 23 00-0461 | EA  |     | 1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 22.84                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.05                  |                      |
| 05 05 23 00-0462 | EA  |     | 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 24.23                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.11                  |                      |
| 05 05 23 00-0463 | EA  |     | 1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 24.58                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.11                  |                      |
| 05 05 23 00-0464 | EA  |     | 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 26.90                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.11                  |                      |
| 05 05 23 00-0465 | EA  |     | 1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 28.58                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.16                  |                      |
| 05 05 23 00-0466 | EA  |     | 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 31.06                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.16                  |                      |
| 05 05 23 00-0467 | EA  |     | 1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....       | 31.76                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.16                  |                      |
| 05 05 23 00-0468 | EA  |     | 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....   | 39.88                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                       | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                       | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                              | -3.22                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0469 | EA  |     | 1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....              | 40.51                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -2.69                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -3.22                     |                         |
| 05 05 23 00-0470 | EA  |     | 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....          | 42.20                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -2.69                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -3.22                     |                         |
| 05 05 23 00-0471 | EA  |     | 1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....             | 43.36                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -2.69                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -3.22                     |                         |
| 05 05 23 00-0472 |     |     | Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0097)                         |                           |                         |
| 05 05 23 00-0473 |     |     | 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)          |                           |                         |
| 05 05 23 00-0474 | EA  |     | 1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....   | 7.06                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.71                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.05                     |                         |
| 05 05 23 00-0475 | EA  |     | 1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 7.18                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.71                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.05                     |                         |
| 05 05 23 00-0476 | EA  |     | 1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 7.24                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.71                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.05                     |                         |
| 05 05 23 00-0477 | EA  |     | 1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 7.37                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.71                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.05                     |                         |
| 05 05 23 00-0478 | EA  |     | 1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 7.64                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.41                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.76                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.11                     |                         |
| 05 05 23 00-0479 | EA  |     | 1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 7.78                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.41                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.76                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.11                     |                         |
| 05 05 23 00-0480 | EA  |     | 1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 7.91                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.41                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.76                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.11                     |                         |
| 05 05 23 00-0481 | EA  |     | 1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 8.12                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.45                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.81                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.17                     |                         |
| 05 05 23 00-0482 | EA  |     | 1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 8.50                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.45                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.81                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.17                     |                         |
| 05 05 23 00-0483 | EA  |     | 1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 8.86                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.45                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.81                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.17                     |                         |
| 05 05 23 00-0484 | EA  |     | 1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 9.24                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.48                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.86                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.23                     |                         |
| 05 05 23 00-0485 | EA  |     | 1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 9.44                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.48                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.86                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.23                     |                         |
| 05 05 23 00-0486 | EA  |     | 1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 9.68                      |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.48                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.86                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.23                     |                         |
| 05 05 23 00-0487 | EA  |     | 1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 10.04                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.52                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.90                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.28                     |                         |
| 05 05 23 00-0488 | EA  |     | 1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 10.51                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.52                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.90                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.28                     |                         |
| 05 05 23 00-0489 | EA  |     | 1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 10.72                     |                         |
|                  |     |     | For >100 To 250, Deduct .....                                                         | -1.52                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                                                         | -1.90                     |                         |
|                  |     |     | For >500, Deduct .....                                                                | -2.28                     |                         |
| 05 05 23 00-0490 |     |     | 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)         |                           |                         |



| MINOR            | CSI | UOM                                                                                    | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-0491 | EA  | 5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....    | 7.17        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0492 | EA  | 5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 7.24        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0493 | EA  | 5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 7.47        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0494 | EA  | 5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 7.51        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0495 | EA  | 5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 7.83        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.41       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.76       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.11       |                        |                      |
| 05 05 23 00-0496 | EA  | 5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 8.17        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.41       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.76       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.11       |                        |                      |
| 05 05 23 00-0497 | EA  | 5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 8.27        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.41       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.76       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.11       |                        |                      |
| 05 05 23 00-0498 | EA  | 5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 8.67        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.45       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.81       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.17       |                        |                      |
| 05 05 23 00-0499 | EA  | 5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 8.88        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.45       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.81       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.17       |                        |                      |
| 05 05 23 00-0500 | EA  | 5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 9.37        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.45       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.81       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.17       |                        |                      |
| 05 05 23 00-0501 | EA  | 5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 9.85        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.48       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.86       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.23       |                        |                      |
| 05 05 23 00-0502 | EA  | 5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 10.03       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.48       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.86       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.23       |                        |                      |
| 05 05 23 00-0503 | EA  | 5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 10.32       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.48       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.86       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.23       |                        |                      |
| 05 05 23 00-0504 | EA  | 5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 10.71       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.52       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.90       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.28       |                        |                      |
| 05 05 23 00-0505 | EA  | 5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 10.92       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.52       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.90       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.28       |                        |                      |
| 05 05 23 00-0506 | EA  | 5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 11.33       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.52       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.90       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.28       |                        |                      |
| 05 05 23 00-0507 |     | 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)           |             |                        |                      |
| 05 05 23 00-0508 | EA  | 3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 7.41        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0509 | EA  | 3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 7.44        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0510 | EA  | 3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 7.45        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |
| 05 05 23 00-0511 | EA  | 3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 7.72        |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                | -1.37       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                | -1.71       |                        |                      |
|                  |     | For >500, Deduct                                                                       | -2.05       |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0512 | EA  | 3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 8.06                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.11                     |                         |
| 05 05 23 00-0513 | EA  | 3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 8.33                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.11                     |                         |
| 05 05 23 00-0514 | EA  | 3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 8.57                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.11                     |                         |
| 05 05 23 00-0515 | EA  | 3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 9.54                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.17                     |                         |
| 05 05 23 00-0516 | EA  | 3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 9.84                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.17                     |                         |
| 05 05 23 00-0517 | EA  | 3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 9.90                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.17                     |                         |
| 05 05 23 00-0518 | EA  | 3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 10.21                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.23                     |                         |
| 05 05 23 00-0519 | EA  | 3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 10.55                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.23                     |                         |
| 05 05 23 00-0520 | EA  | 3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 12.05                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.23                     |                         |
| 05 05 23 00-0521 | EA  | 3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 12.59                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.28                     |                         |
| 05 05 23 00-0522 | EA  | 3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 13.26                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.28                     |                         |
| 05 05 23 00-0523 | EA  | 3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 14.83                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.28                     |                         |
| 05 05 23 00-0524 |     | 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472) .....    |                           |                         |
| 05 05 23 00-0525 | EA  | 7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 8.64                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0526 | EA  | 7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 8.68                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0527 | EA  | 7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 9.10                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0528 | EA  | 7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 9.33                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0529 | EA  | 7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 9.80                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0530 | EA  | 7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 10.06                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0531 | EA  | 7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 10.30                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.05                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.46                     |                         |
| 05 05 23 00-0532 | EA  | 7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 11.35                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.05                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.46                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0533 | EA  |     | 7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 12.17                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.46                  |                      |
| 05 05 23 00-0534 | EA  |     | 7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 12.93                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0535 | EA  |     | 7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 13.22                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0536 | EA  |     | 7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 13.65                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0537 | EA  |     | 7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 14.48                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.58                  |                      |
| 05 05 23 00-0538 | EA  |     | 7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 15.87                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.58                  |                      |
| 05 05 23 00-0539 | EA  |     | 7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 15.98                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.58                  |                      |
| 05 05 23 00-0540 |     |     | 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)           |                        |                      |
| 05 05 23 00-0541 | EA  |     | 1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 8.91                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.34                  |                      |
| 05 05 23 00-0542 | EA  |     | 1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 9.22                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.34                  |                      |
| 05 05 23 00-0543 | EA  |     | 1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 9.41                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.34                  |                      |
| 05 05 23 00-0544 | EA  |     | 1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 9.80                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.40                  |                      |
| 05 05 23 00-0545 | EA  |     | 1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 10.14                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.40                  |                      |
| 05 05 23 00-0546 | EA  |     | 1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 10.90                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.40                  |                      |
| 05 05 23 00-0547 | EA  |     | 1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 11.62                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.46                  |                      |
| 05 05 23 00-0548 | EA  |     | 1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 12.07                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.46                  |                      |
| 05 05 23 00-0549 | EA  |     | 1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 12.39                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.46                  |                      |
| 05 05 23 00-0550 | EA  |     | 1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 13.15                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0551 | EA  |     | 1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 14.11                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0552 | EA  |     | 1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 14.99                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.52                  |                      |
| 05 05 23 00-0553 | EA  |     | 1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....       | 15.95                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                | -2.15                  |                      |
|                  |     |     | For >500, Deduct                                                                       | -2.58                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0554 | EA  | 1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 16.34                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.15                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.58                     |                         |
| 05 05 23 00-0555 | EA  | 1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....      | 17.44                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.15                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.58                     |                         |
| 05 05 23 00-0556 | EA  | 1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 19.48                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.20                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.64                     |                         |
| 05 05 23 00-0557 | EA  | 1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....      | 20.27                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.20                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.64                     |                         |
| 05 05 23 00-0558 | EA  | 1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....  | 20.68                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.20                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.64                     |                         |
| 05 05 23 00-0559 | EA  | 1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 22.65                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.20                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.64                     |                         |
| 05 05 23 00-0560 |     | 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472) .....    |                           |                         |
| 05 05 23 00-0561 | EA  | 9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 9.20                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0562 | EA  | 9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 9.38                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0563 | EA  | 9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 9.81                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.34                     |                         |
| 05 05 23 00-0564 | EA  | 9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 10.63                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0565 | EA  | 9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 10.78                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0566 | EA  | 9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 11.40                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.40                     |                         |
| 05 05 23 00-0567 | EA  | 9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 12.01                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.05                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.46                     |                         |
| 05 05 23 00-0568 | EA  | 9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 14.05                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.05                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.46                     |                         |
| 05 05 23 00-0569 | EA  | 9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 14.45                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.05                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.46                     |                         |
| 05 05 23 00-0570 | EA  | 9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 14.98                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.10                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.52                     |                         |
| 05 05 23 00-0571 | EA  | 9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 15.86                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.10                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.52                     |                         |
| 05 05 23 00-0572 | EA  | 9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 19.21                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.68                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.10                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.52                     |                         |
| 05 05 23 00-0573 | EA  | 9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....     | 23.32                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.15                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.58                     |                         |
| 05 05 23 00-0574 | EA  | 9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 28.16                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                          | -1.72                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                          | -2.15                     |                         |
|                  |     | For >500, Deduct .....                                                                 | -2.58                     |                         |





| MINOR            |                                                                                          | TOTAL DIRECT |       | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------|--------------|-------|------------|
| CSI              | UOM DESCRIPTION                                                                          | UNIT         | COST  | UNIT COST  |
| 05 05 23 00-0575 | EA 9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     |              | 33.43 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.72 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.15 |            |
|                  | For >500, Deduct                                                                         |              | -2.58 |            |
| 05 05 23 00-0576 | 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)             |              |       |            |
| 05 05 23 00-0577 | EA 5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 10.84 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.76 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.20 |            |
|                  | For >500, Deduct                                                                         |              | -2.64 |            |
| 05 05 23 00-0578 | EA 5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 11.02 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.76 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.20 |            |
|                  | For >500, Deduct                                                                         |              | -2.64 |            |
| 05 05 23 00-0579 | EA 5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 11.49 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.76 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.20 |            |
|                  | For >500, Deduct                                                                         |              | -2.64 |            |
| 05 05 23 00-0580 | EA 5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 12.37 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.80 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.25 |            |
|                  | For >500, Deduct                                                                         |              | -2.69 |            |
| 05 05 23 00-0581 | EA 5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 12.93 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.80 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.25 |            |
|                  | For >500, Deduct                                                                         |              | -2.69 |            |
| 05 05 23 00-0582 | EA 5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 13.24 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.80 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.25 |            |
|                  | For >500, Deduct                                                                         |              | -2.69 |            |
| 05 05 23 00-0583 | EA 5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 13.64 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.83 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.29 |            |
|                  | For >500, Deduct                                                                         |              | -2.75 |            |
| 05 05 23 00-0584 | EA 5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 14.65 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.83 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.29 |            |
|                  | For >500, Deduct                                                                         |              | -2.75 |            |
| 05 05 23 00-0585 | EA 5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 15.09 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.83 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.29 |            |
|                  | For >500, Deduct                                                                         |              | -2.75 |            |
| 05 05 23 00-0586 | EA 5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 15.77 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.87 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.34 |            |
|                  | For >500, Deduct                                                                         |              | -2.81 |            |
| 05 05 23 00-0587 | EA 5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 16.24 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.87 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.34 |            |
|                  | For >500, Deduct                                                                         |              | -2.81 |            |
| 05 05 23 00-0588 | EA 5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 17.23 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.87 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.34 |            |
|                  | For >500, Deduct                                                                         |              | -2.81 |            |
| 05 05 23 00-0589 | EA 5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 19.77 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.91 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.39 |            |
|                  | For >500, Deduct                                                                         |              | -2.87 |            |
| 05 05 23 00-0590 | EA 5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 20.90 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.91 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.39 |            |
|                  | For >500, Deduct                                                                         |              | -2.87 |            |
| 05 05 23 00-0591 | EA 5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 21.38 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.91 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.39 |            |
|                  | For >500, Deduct                                                                         |              | -2.87 |            |
| 05 05 23 00-0592 | EA 5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 23.58 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.95 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.44 |            |
|                  | For >500, Deduct                                                                         |              | -2.93 |            |
| 05 05 23 00-0593 | EA 5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      |              | 25.79 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.95 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.44 |            |
|                  | For >500, Deduct                                                                         |              | -2.93 |            |
| 05 05 23 00-0594 | EA 5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... |              | 25.96 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.95 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.44 |            |
|                  | For >500, Deduct                                                                         |              | -2.93 |            |
| 05 05 23 00-0595 | EA 5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     |              | 28.02 |            |
|                  | For >100 To 250, Deduct                                                                  |              | -1.95 |            |
|                  | For >250 To 500, Deduct                                                                  |              | -2.44 |            |
|                  | For >500, Deduct                                                                         |              | -2.93 |            |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0596 |     |     | <b>3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)  |                           |                         |
| 05 05 23 00-0597 | EA  |     | 3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 11.89                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.76                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.20                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.64                     |                         |
| 05 05 23 00-0598 | EA  |     | 3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 12.09                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.76                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.20                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.64                     |                         |
| 05 05 23 00-0599 | EA  |     | 3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 12.22                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.76                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.20                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.64                     |                         |
| 05 05 23 00-0600 | EA  |     | 3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 12.70                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.80                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.25                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.69                     |                         |
| 05 05 23 00-0601 | EA  |     | 3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 13.12                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.80                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.25                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.69                     |                         |
| 05 05 23 00-0602 | EA  |     | 3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 14.32                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.80                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.25                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.69                     |                         |
| 05 05 23 00-0603 | EA  |     | 3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 15.02                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.83                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.29                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.75                     |                         |
| 05 05 23 00-0604 | EA  |     | 3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 15.12                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.83                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.29                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.75                     |                         |
| 05 05 23 00-0605 | EA  |     | 3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 16.76                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.83                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.29                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.75                     |                         |
| 05 05 23 00-0606 | EA  |     | 3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 17.55                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.87                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.34                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.81                     |                         |
| 05 05 23 00-0607 | EA  |     | 3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 18.41                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.87                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.34                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.81                     |                         |
| 05 05 23 00-0608 | EA  |     | 3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 20.01                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.87                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.34                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.81                     |                         |
| 05 05 23 00-0609 | EA  |     | 3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 22.15                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.91                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.39                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.87                     |                         |
| 05 05 23 00-0610 | EA  |     | 3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 23.01                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.91                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.39                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.87                     |                         |
| 05 05 23 00-0611 | EA  |     | 3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 23.45                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.91                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.39                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.87                     |                         |
| 05 05 23 00-0612 | EA  |     | 3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 25.76                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.95                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.44                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.93                     |                         |
| 05 05 23 00-0613 | EA  |     | 3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 27.32                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.95                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.44                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.93                     |                         |
| 05 05 23 00-0614 | EA  |     | 3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 28.43                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.95                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.44                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.93                     |                         |
| 05 05 23 00-0615 | EA  |     | 3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....    | 28.84                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.95                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.44                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.93                     |                         |
| 05 05 23 00-0616 |     |     | <b>7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> (05 05 23 00-0472)  |                           |                         |
| 05 05 23 00-0617 | EA  |     | 7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... | 15.76                     |                         |
|                  |     |     | For>100 To 250, Deduct                                                               | -1.95                     |                         |
|                  |     |     | For>250 To 500, Deduct                                                               | -2.44                     |                         |
|                  |     |     | For>500, Deduct                                                                      | -2.93                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0618 | EA  |     | 7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 16.29                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.44                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.93                  |                      |
| 05 05 23 00-0619 | EA  |     | 7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 17.27                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.99                  |                      |
| 05 05 23 00-0620 | EA  |     | 7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 18.86                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.99                  |                      |
| 05 05 23 00-0621 | EA  |     | 7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 19.04                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.99                  |                      |
| 05 05 23 00-0622 | EA  |     | 7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 19.57                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.05                  |                      |
| 05 05 23 00-0623 | EA  |     | 7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 23.40                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.05                  |                      |
| 05 05 23 00-0624 | EA  |     | 7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 24.38                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.03                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.54                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.05                  |                      |
| 05 05 23 00-0625 | EA  |     | 7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 26.85                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.11                  |                      |
| 05 05 23 00-0626 | EA  |     | 7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 28.29                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.11                  |                      |
| 05 05 23 00-0627 | EA  |     | 7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 32.00                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.59                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.11                  |                      |
| 05 05 23 00-0628 | EA  |     | 7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 33.42                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.16                  |                      |
| 05 05 23 00-0629 | EA  |     | 7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 37.24                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.16                  |                      |
| 05 05 23 00-0630 | EA  |     | 7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 38.78                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.64                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.16                  |                      |
| 05 05 23 00-0631 | EA  |     | 7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 40.22                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.22                  |                      |
| 05 05 23 00-0632 | EA  |     | 7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....      | 40.66                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.22                  |                      |
| 05 05 23 00-0633 | EA  |     | 7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt ..... | 41.04                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.22                  |                      |
| 05 05 23 00-0634 | EA  |     | 7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....     | 41.96                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -2.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.69                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -3.22                  |                      |
| 05 05 23 00-0635 |     |     | 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)            |                        |                      |
| 05 05 23 00-0636 | EA  |     | 1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....   | 17.27                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.44                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.93                  |                      |
| 05 05 23 00-0637 | EA  |     | 1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....       | 18.60                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.44                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.93                  |                      |
| 05 05 23 00-0638 | EA  |     | 1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....   | 19.38                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -2.49                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -2.99                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0639 | EA  |     | 1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 20.37                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.99                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.49                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.99                     |                         |
| 05 05 23 00-0640 | EA  |     | 1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 22.23                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.99                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.49                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.99                     |                         |
| 05 05 23 00-0641 | EA  |     | 1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 22.91                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.05                     |                         |
| 05 05 23 00-0642 | EA  |     | 1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 24.51                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.05                     |                         |
| 05 05 23 00-0643 | EA  |     | 1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 26.65                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.03                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.54                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.05                     |                         |
| 05 05 23 00-0644 | EA  |     | 1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 27.86                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.11                     |                         |
| 05 05 23 00-0645 | EA  |     | 1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 28.76                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.11                     |                         |
| 05 05 23 00-0646 | EA  |     | 1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 33.23                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.07                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.59                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.11                     |                         |
| 05 05 23 00-0647 | EA  |     | 1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 34.11                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.64                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.16                     |                         |
| 05 05 23 00-0648 | EA  |     | 1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 39.16                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.64                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.16                     |                         |
| 05 05 23 00-0649 | EA  |     | 1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 40.03                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.64                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.16                     |                         |
| 05 05 23 00-0650 | EA  |     | 1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 42.92                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.69                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.22                     |                         |
| 05 05 23 00-0651 | EA  |     | 1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                         | 44.39                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.69                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.22                     |                         |
| 05 05 23 00-0652 | EA  |     | 1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....                    | 48.23                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.69                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.22                     |                         |
| 05 05 23 00-0653 | EA  |     | 1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....                        | 50.58                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -2.15                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -2.69                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -3.22                     |                         |
| 05 05 23 00-0654 |     |     | Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097).....                |                           |                         |
| 05 05 23 00-0655 |     |     | 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)..... |                           |                         |
| 05 05 23 00-0656 | EA  |     | 1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....      | 7.22                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -1.71                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.05                     |                         |
| 05 05 23 00-0657 | EA  |     | 1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....        | 7.24                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -1.71                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.05                     |                         |
| 05 05 23 00-0658 | EA  |     | 1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 7.26                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -1.71                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.05                     |                         |
| 05 05 23 00-0659 | EA  |     | 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....        | 7.54                      |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                | -1.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                | -1.71                     |                         |
|                  |     |     | For >500, Deduct                                                                                       | -2.05                     |                         |



| MINOR            | CSI | UOM   | DESCRIPTION                                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------|----------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0660 | EA  | 1/4"  | Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 7.86                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0661 | EA  | 1/4"  | Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 8.02                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0662 | EA  | 1/4"  | Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.09                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0663 | EA  | 1/4"  | Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 8.31                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.45                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.81                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.17                  |                      |
| 05 05 23 00-0664 | EA  | 1/4"  | Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.50                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.45                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.81                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.17                  |                      |
| 05 05 23 00-0665 | EA  | 1/4"  | Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 8.55                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.45                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.81                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.17                  |                      |
| 05 05 23 00-0666 | EA  | 1/4"  | Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.87                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.48                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.86                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.23                  |                      |
| 05 05 23 00-0667 | EA  | 1/4"  | Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 9.04                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.48                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.86                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.23                  |                      |
| 05 05 23 00-0668 | EA  | 1/4"  | Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.10                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.48                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.86                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.23                  |                      |
| 05 05 23 00-0669 | EA  | 1/4"  | Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 9.44                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.52                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.90                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.28                  |                      |
| 05 05 23 00-0670 | EA  | 1/4"  | Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.90                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.52                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.90                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.28                  |                      |
| 05 05 23 00-0671 | EA  | 1/4"  | Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 10.48                  |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.52                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.90                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.28                  |                      |
| 05 05 23 00-0672 |     |       | 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654) |                        |                      |
| 05 05 23 00-0673 | EA  | 5/16" | Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....        | 7.10                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.37                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.71                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.05                  |                      |
| 05 05 23 00-0674 | EA  | 5/16" | Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 7.62                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.37                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.71                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.05                  |                      |
| 05 05 23 00-0675 | EA  | 5/16" | Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 7.67                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.37                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.71                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.05                  |                      |
| 05 05 23 00-0676 | EA  | 5/16" | Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 7.69                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.37                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.71                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.05                  |                      |
| 05 05 23 00-0677 | EA  | 5/16" | Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.12                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0678 | EA  | 5/16" | Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 8.62                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0679 | EA  | 5/16" | Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.71                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.41                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.76                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.11                  |                      |
| 05 05 23 00-0680 | EA  | 5/16" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 9.05                   |                      |
|                  |     |       | For >100 To 250, Deduct                                                                            | -1.45                  |                      |
|                  |     |       | For >250 To 500, Deduct                                                                            | -1.81                  |                      |
|                  |     |       | For >500, Deduct                                                                                   | -2.17                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0681 | EA  | 5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.09                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.17                     |                         |
| 05 05 23 00-0682 | EA  | 5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 9.49                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.17                     |                         |
| 05 05 23 00-0683 | EA  | 5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.79                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.23                     |                         |
| 05 05 23 00-0684 | EA  | 5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 9.94                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.23                     |                         |
| 05 05 23 00-0685 | EA  | 5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.32                     |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.23                     |                         |
| 05 05 23 00-0686 | EA  | 5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 11.27                     |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.90                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.28                     |                         |
| 05 05 23 00-0687 | EA  | 5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 11.88                     |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.90                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.28                     |                         |
| 05 05 23 00-0688 | EA  | 5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....          | 12.45                     |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.90                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.28                     |                         |
| 05 05 23 00-0689 |     | <b>3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> (05 05 23 00-0654) |                           |                         |
| 05 05 23 00-0690 | EA  | 3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....         | 7.26                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.05                     |                         |
| 05 05 23 00-0691 | EA  | 3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 7.38                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.05                     |                         |
| 05 05 23 00-0692 | EA  | 3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 7.51                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.05                     |                         |
| 05 05 23 00-0693 | EA  | 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 7.83                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.71                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.05                     |                         |
| 05 05 23 00-0694 | EA  | 3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 8.16                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.11                     |                         |
| 05 05 23 00-0695 | EA  | 3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 8.43                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.11                     |                         |
| 05 05 23 00-0696 | EA  | 3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 8.62                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.76                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.11                     |                         |
| 05 05 23 00-0697 | EA  | 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 9.08                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.17                     |                         |
| 05 05 23 00-0698 | EA  | 3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 9.21                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.17                     |                         |
| 05 05 23 00-0699 | EA  | 3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 9.54                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.81                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.17                     |                         |
| 05 05 23 00-0700 | EA  | 3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 9.86                      |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.23                     |                         |
| 05 05 23 00-0701 | EA  | 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....           | 10.31                     |                         |
|                  |     | For >100 To 250, Deduct                                                                                  | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct                                                                                  | -1.86                     |                         |
|                  |     | For >500, Deduct                                                                                         | -2.23                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0702 | EA  |     | 3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 10.38                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.66                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.23                  |                      |
| 05 05 23 00-0703 | EA  |     | 3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 10.60                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.28                  |                      |
| 05 05 23 00-0704 | EA  |     | 3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 10.65                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.28                  |                      |
| 05 05 23 00-0705 | EA  |     | 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 11.17                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.28                  |                      |
| 05 05 23 00-0706 |     |     | 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)  |                        |                      |
| 05 05 23 00-0707 | EA  |     | 7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 9.02                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0708 | EA  |     | 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 9.60                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0709 | EA  |     | 7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 10.04                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0710 | EA  |     | 7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 10.98                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.40                  |                      |
| 05 05 23 00-0711 | EA  |     | 7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.01                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.40                  |                      |
| 05 05 23 00-0712 | EA  |     | 7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.05                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.40                  |                      |
| 05 05 23 00-0713 | EA  |     | 7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.61                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.46                  |                      |
| 05 05 23 00-0714 | EA  |     | 7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 12.02                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.46                  |                      |
| 05 05 23 00-0715 | EA  |     | 7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 12.39                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.05                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.46                  |                      |
| 05 05 23 00-0716 | EA  |     | 7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.01                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.52                  |                      |
| 05 05 23 00-0717 | EA  |     | 7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.44                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.10                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.52                  |                      |
| 05 05 23 00-0718 |     |     | 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)   |                        |                      |
| 05 05 23 00-0719 | EA  |     | 1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 8.77                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0720 | EA  |     | 1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 8.96                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0721 | EA  |     | 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....      | 9.33                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -1.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.34                  |                      |
| 05 05 23 00-0722 | EA  |     | 1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....  | 9.95                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                                             | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                             | -2.00                  |                      |
|                  |     |     | For >500, Deduct                                                                                    | -2.40                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM                                                                                               | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 05 05 23 00-0723 | EA  | 1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 10.24       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.60       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.00       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.40       |                           |                         |
| 05 05 23 00-0724 | EA  | 1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 10.78       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.60       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.00       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.40       |                           |                         |
| 05 05 23 00-0725 | EA  | 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 11.06       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.64       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.05       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.46       |                           |                         |
| 05 05 23 00-0726 | EA  | 1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 11.26       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.64       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.05       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.46       |                           |                         |
| 05 05 23 00-0727 | EA  | 1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 11.69       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.64       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.05       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.46       |                           |                         |
| 05 05 23 00-0728 | EA  | 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 12.09       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.68       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.10       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.52       |                           |                         |
| 05 05 23 00-0729 | EA  | 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 12.57       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.68       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.10       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.52       |                           |                         |
| 05 05 23 00-0730 | EA  | 1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 12.61       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.68       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.10       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.52       |                           |                         |
| 05 05 23 00-0731 | EA  | 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 12.89       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.72       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.15       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.58       |                           |                         |
| 05 05 23 00-0732 | EA  | 1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 13.02       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.72       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.15       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.58       |                           |                         |
| 05 05 23 00-0733 | EA  | 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 13.38       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.72       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.15       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.58       |                           |                         |
| 05 05 23 00-0734 | EA  | 1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 15.29       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0735 | EA  | 1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 15.58       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0736 | EA  | 1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 15.64       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0737 | EA  | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt        | 15.81       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0738 |     | 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654) |             |                           |                         |
| 05 05 23 00-0739 | EA  | 5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 10.42       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0740 | EA  | 5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 10.71       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0741 | EA  | 5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 10.91       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.76       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.20       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.64       |                           |                         |
| 05 05 23 00-0742 | EA  | 5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt     | 11.42       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.80       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.25       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.69       |                           |                         |
| 05 05 23 00-0743 | EA  | 5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt         | 11.85       |                           |                         |
|                  |     | For >100 To 250, Deduct                                                                           | -1.80       |                           |                         |
|                  |     | For >250 To 500, Deduct                                                                           | -2.25       |                           |                         |
|                  |     | For >500, Deduct                                                                                  | -2.69       |                           |                         |





| MINOR            | CSI | UOM                                                                                                | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-0744 | EA  | 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 12.80       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.80       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.25       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.69       |                        |                      |
| 05 05 23 00-0745 | EA  | 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.14       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.83       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.29       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.75       |                        |                      |
| 05 05 23 00-0746 | EA  | 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.31       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.83       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.29       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.75       |                        |                      |
| 05 05 23 00-0747 | EA  | 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 13.60       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.83       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.29       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.75       |                        |                      |
| 05 05 23 00-0748 | EA  | 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 14.18       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.87       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.34       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.81       |                        |                      |
| 05 05 23 00-0749 | EA  | 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 14.51       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.87       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.34       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.81       |                        |                      |
| 05 05 23 00-0750 | EA  | 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 15.49       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.87       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.34       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.81       |                        |                      |
| 05 05 23 00-0751 | EA  | 5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 15.74       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.91       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.39       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.87       |                        |                      |
| 05 05 23 00-0752 | EA  | 5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 17.45       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.91       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.39       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.87       |                        |                      |
| 05 05 23 00-0753 | EA  | 5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 17.96       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.91       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.39       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.87       |                        |                      |
| 05 05 23 00-0754 | EA  | 5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 18.87       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.95       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.44       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.93       |                        |                      |
| 05 05 23 00-0755 | EA  | 5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 19.68       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.95       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.44       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.93       |                        |                      |
| 05 05 23 00-0756 | EA  | 5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 21.53       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.95       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.44       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.93       |                        |                      |
| 05 05 23 00-0757 | EA  | 5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 21.67       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.95       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.44       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.93       |                        |                      |
| 05 05 23 00-0758 |     | 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)  |             |                        |                      |
| 05 05 23 00-0759 | EA  | 3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 11.81       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.76       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.20       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.64       |                        |                      |
| 05 05 23 00-0760 | EA  | 3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 11.87       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.76       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.20       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.64       |                        |                      |
| 05 05 23 00-0761 | EA  | 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 12.22       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.76       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.20       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.64       |                        |                      |
| 05 05 23 00-0762 | EA  | 3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 13.21       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.80       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.25       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.69       |                        |                      |
| 05 05 23 00-0763 | EA  | 3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 14.54       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.80       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.25       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.69       |                        |                      |
| 05 05 23 00-0764 | EA  | 3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 15.39       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.80       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.25       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.69       |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM  | DESCRIPTION                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------|----------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0765 | EA  | 3/4" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 16.04                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.83                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.29                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.75                     |                         |
| 05 05 23 00-0766 | EA  | 3/4" | Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 16.12                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.83                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.29                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.75                     |                         |
| 05 05 23 00-0767 | EA  | 3/4" | Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 16.30                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.83                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.29                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.75                     |                         |
| 05 05 23 00-0768 | EA  | 3/4" | Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 16.62                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.87                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.34                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.81                     |                         |
| 05 05 23 00-0769 | EA  | 3/4" | Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 17.75                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.87                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.34                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.81                     |                         |
| 05 05 23 00-0770 | EA  | 3/4" | Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 18.22                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.87                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.34                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.81                     |                         |
| 05 05 23 00-0771 | EA  | 3/4" | Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 19.33                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.91                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.39                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.87                     |                         |
| 05 05 23 00-0772 | EA  | 3/4" | Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 19.48                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.91                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.39                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.87                     |                         |
| 05 05 23 00-0773 | EA  | 3/4" | Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 19.94                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.91                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.39                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.87                     |                         |
| 05 05 23 00-0774 | EA  | 3/4" | Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 20.83                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0775 | EA  | 3/4" | Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 21.32                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0776 | EA  | 3/4" | Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 21.59                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0777 | EA  | 3/4" | Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                    | 21.73                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0778 |     |      | <b>7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> (05 05 23 00-0654) ..... |                           |                         |
| 05 05 23 00-0779 | EA  | 7/8" | Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 15.55                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0780 | EA  | 7/8" | Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 16.10                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.95                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.44                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.93                     |                         |
| 05 05 23 00-0781 | EA  | 7/8" | Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 16.60                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.99                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.49                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.99                     |                         |
| 05 05 23 00-0782 | EA  | 7/8" | Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 19.46                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.99                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.49                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.99                     |                         |
| 05 05 23 00-0783 | EA  | 7/8" | Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 19.88                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -1.99                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.49                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -2.99                     |                         |
| 05 05 23 00-0784 | EA  | 7/8" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                     | 20.62                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -2.03                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.54                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -3.05                     |                         |
| 05 05 23 00-0785 | EA  | 7/8" | Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt .....                 | 21.22                     |                         |
|                  |     |      | For >100 To 250, Deduct .....                                                                                  | -2.03                     |                         |
|                  |     |      | For >250 To 500, Deduct .....                                                                                  | -2.54                     |                         |
|                  |     |      | For >500, Deduct .....                                                                                         | -3.05                     |                         |



| MINOR            | CSI | UOM                                                                                                | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-0786 | EA  | 7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 21.98       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.03       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.54       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.05       |                        |                      |
| 05 05 23 00-0787 | EA  | 7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 22.72       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.07       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.59       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.11       |                        |                      |
| 05 05 23 00-0788 | EA  | 7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 23.31       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.07       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.59       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.11       |                        |                      |
| 05 05 23 00-0789 | EA  | 7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 28.03       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.07       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.59       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.11       |                        |                      |
| 05 05 23 00-0790 | EA  | 7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 28.87       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.11       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.64       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.16       |                        |                      |
| 05 05 23 00-0791 | EA  | 7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 29.97       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.11       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.64       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.16       |                        |                      |
| 05 05 23 00-0792 | EA  | 7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 30.23       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.11       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.64       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.16       |                        |                      |
| 05 05 23 00-0793 | EA  | 7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 30.74       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.15       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.69       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.22       |                        |                      |
| 05 05 23 00-0794 | EA  | 7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 31.35       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.15       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.69       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.22       |                        |                      |
| 05 05 23 00-0795 | EA  | 7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 32.11       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.15       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.69       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.22       |                        |                      |
| 05 05 23 00-0796 | EA  | 7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 32.83       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.15       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.69       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.22       |                        |                      |
| 05 05 23 00-0797 |     | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0804)    |             |                        |                      |
| 05 05 23 00-0798 | EA  | 1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 19.38       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.95       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.44       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.93       |                        |                      |
| 05 05 23 00-0799 | EA  | 1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 19.75       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.99       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.49       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.99       |                        |                      |
| 05 05 23 00-0800 | EA  | 1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 20.77       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.99       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.49       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.99       |                        |                      |
| 05 05 23 00-0801 | EA  | 1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 21.58       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -1.99       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.49       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -2.99       |                        |                      |
| 05 05 23 00-0802 | EA  | 1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 23.61       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.03       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.54       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.05       |                        |                      |
| 05 05 23 00-0803 | EA  | 1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 24.03       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.03       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.54       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.05       |                        |                      |
| 05 05 23 00-0804 | EA  | 1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 25.22       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.03       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.54       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.05       |                        |                      |
| 05 05 23 00-0805 | EA  | 1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....   | 25.54       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.07       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.59       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.11       |                        |                      |
| 05 05 23 00-0806 | EA  | 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....       | 25.98       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                            | -2.07       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                            | -2.59       |                        |                      |
|                  |     | For >500, Deduct                                                                                   | -3.11       |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM  | DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0807 | EA  | 1"   | Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 30.03                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.07                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.59                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.11                     |                         |
| 05 05 23 00-0808 | EA  | 1"   | Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 30.98                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.11                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.64                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.16                     |                         |
| 05 05 23 00-0809 | EA  | 1"   | Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 32.68                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.11                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.64                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.16                     |                         |
| 05 05 23 00-0810 | EA  | 1"   | Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 34.35                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.11                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.64                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.16                     |                         |
| 05 05 23 00-0811 | EA  | 1"   | Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 35.06                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.15                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.69                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.22                     |                         |
| 05 05 23 00-0812 | EA  | 1"   | Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....     | 36.42                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.15                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.69                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.22                     |                         |
| 05 05 23 00-0813 | EA  | 1"   | Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... | 37.45                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.15                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.69                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.22                     |                         |
| 05 05 23 00-0814 | EA  | 1"   | Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....    | 38.98                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -2.15                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -2.69                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -3.22                     |                         |
| 05 05 23 00-0815 |     |      | 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0097)                                   |                           |                         |
| 05 05 23 00-0816 |     |      | 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)                    |                           |                         |
| 05 05 23 00-0817 | EA  | 1/4" | Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                          | 7.20                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.37                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.71                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.05                     |                         |
| 05 05 23 00-0818 | EA  | 1/4" | Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 7.34                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.37                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.71                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.05                     |                         |
| 05 05 23 00-0819 | EA  | 1/4" | Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                        | 7.52                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.37                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.71                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.05                     |                         |
| 05 05 23 00-0820 | EA  | 1/4" | Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 7.71                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.37                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.71                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.05                     |                         |
| 05 05 23 00-0821 | EA  | 1/4" | Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                        | 8.09                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.41                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.76                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.11                     |                         |
| 05 05 23 00-0822 | EA  | 1/4" | Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 8.37                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.41                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.76                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.11                     |                         |
| 05 05 23 00-0823 | EA  | 1/4" | Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                        | 8.71                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.41                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.76                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.11                     |                         |
| 05 05 23 00-0824 | EA  | 1/4" | Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 9.16                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.45                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.81                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.17                     |                         |
| 05 05 23 00-0825 | EA  | 1/4" | Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                        | 9.57                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.45                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.81                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.17                     |                         |
| 05 05 23 00-0826 | EA  | 1/4" | Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 9.95                      |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.45                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.81                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.17                     |                         |
| 05 05 23 00-0827 | EA  | 1/4" | Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                        | 10.45                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.48                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.86                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.23                     |                         |
| 05 05 23 00-0828 | EA  | 1/4" | Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....                            | 11.07                     |                         |
|                  |     |      | For >100 To 250, Deduct                                                                       | -1.48                     |                         |
|                  |     |      | For >250 To 500, Deduct                                                                       | -1.86                     |                         |
|                  |     |      | For >500, Deduct                                                                              | -2.23                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0829 | EA  |     | 1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 18.55                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.23                  |                      |
| 05 05 23 00-0830 | EA  |     | 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 22.40                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.28                  |                      |
| 05 05 23 00-0831 | EA  |     | 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 22.75                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.28                  |                      |
| 05 05 23 00-0832 | EA  |     | 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 23.59                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.28                  |                      |
| 05 05 23 00-0833 |     |     | 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)  |                        |                      |
| 05 05 23 00-0834 | EA  |     | 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....   | 7.46                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.05                  |                      |
| 05 05 23 00-0835 | EA  |     | 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 7.59                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.05                  |                      |
| 05 05 23 00-0836 | EA  |     | 5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 7.86                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.05                  |                      |
| 05 05 23 00-0837 | EA  |     | 5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 8.07                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.05                  |                      |
| 05 05 23 00-0838 | EA  |     | 5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 8.66                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.11                  |                      |
| 05 05 23 00-0839 | EA  |     | 5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 8.79                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.11                  |                      |
| 05 05 23 00-0840 | EA  |     | 5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 9.49                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.41                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.76                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.11                  |                      |
| 05 05 23 00-0841 | EA  |     | 5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 10.18                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.17                  |                      |
| 05 05 23 00-0842 | EA  |     | 5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 10.96                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.17                  |                      |
| 05 05 23 00-0843 | EA  |     | 5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 11.35                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.81                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.17                  |                      |
| 05 05 23 00-0844 | EA  |     | 5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 12.73                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.23                  |                      |
| 05 05 23 00-0845 | EA  |     | 5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 14.69                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.23                  |                      |
| 05 05 23 00-0846 | EA  |     | 5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt..... | 19.14                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.48                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.86                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.23                  |                      |
| 05 05 23 00-0847 | EA  |     | 5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 26.54                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.90                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.28                  |                      |
| 05 05 23 00-0848 |     |     | 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)   |                        |                      |
| 05 05 23 00-0849 | EA  |     | 3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....    | 7.79                   |                      |
|                  |     |     | For >100 To 250, Deduct                                                      | -1.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                      | -1.71                  |                      |
|                  |     |     | For >500, Deduct                                                             | -2.05                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0850 | EA  | 3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 7.96                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.71                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.05                     |                         |
| 05 05 23 00-0851 | EA  | 3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 8.38                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.71                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.05                     |                         |
| 05 05 23 00-0852 | EA  | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 8.91                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.37                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.71                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.05                     |                         |
| 05 05 23 00-0853 | EA  | 3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 9.37                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.11                     |                         |
| 05 05 23 00-0854 | EA  | 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 9.80                      |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.11                     |                         |
| 05 05 23 00-0855 | EA  | 3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 10.37                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.41                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.76                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.11                     |                         |
| 05 05 23 00-0856 | EA  | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 11.08                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.17                     |                         |
| 05 05 23 00-0857 | EA  | 3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 11.74                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.17                     |                         |
| 05 05 23 00-0858 | EA  | 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 13.21                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.45                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.81                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.17                     |                         |
| 05 05 23 00-0859 | EA  | 3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 13.57                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.23                     |                         |
| 05 05 23 00-0860 | EA  | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 14.78                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.23                     |                         |
| 05 05 23 00-0861 | EA  | 3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 17.36                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.48                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.86                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.23                     |                         |
| 05 05 23 00-0862 | EA  | 3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 18.16                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.28                     |                         |
| 05 05 23 00-0863 | EA  | 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 18.53                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.28                     |                         |
| 05 05 23 00-0864 | EA  | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 21.11                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.52                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.90                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.28                     |                         |
| 05 05 23 00-0865 |     | 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815) ..... |                           |                         |
| 05 05 23 00-0866 | EA  | 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....         | 10.13                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.34                     |                         |
| 05 05 23 00-0867 | EA  | 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 10.31                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.34                     |                         |
| 05 05 23 00-0868 | EA  | 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....         | 10.99                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.56                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.34                     |                         |
| 05 05 23 00-0869 | EA  | 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 11.59                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.40                     |                         |
| 05 05 23 00-0870 | EA  | 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....         | 12.41                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.00                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.40                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-0871 | EA  |     | 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 13.78                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.00                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.40                  |                      |
| 05 05 23 00-0872 | EA  |     | 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 14.60                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0873 | EA  |     | 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 16.20                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0874 | EA  |     | 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 16.90                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0875 | EA  |     | 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 19.30                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |
| 05 05 23 00-0876 | EA  |     | 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 21.74                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |
| 05 05 23 00-0877 | EA  |     | 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 22.07                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |
| 05 05 23 00-0878 | EA  |     | 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 22.56                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.72                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.15                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.58                  |                      |
| 05 05 23 00-0879 |     |     | 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)    |                        |                      |
| 05 05 23 00-0880 | EA  |     | 1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 10.11                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -1.95                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.34                  |                      |
| 05 05 23 00-0881 | EA  |     | 1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 10.31                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -1.95                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.34                  |                      |
| 05 05 23 00-0882 | EA  |     | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 11.38                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -1.95                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.34                  |                      |
| 05 05 23 00-0883 | EA  |     | 1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 12.00                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.00                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.40                  |                      |
| 05 05 23 00-0884 | EA  |     | 1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 12.98                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.00                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.40                  |                      |
| 05 05 23 00-0885 | EA  |     | 1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 13.51                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.00                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.40                  |                      |
| 05 05 23 00-0886 | EA  |     | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 14.34                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0887 | EA  |     | 1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 14.81                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0888 | EA  |     | 1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 17.37                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.46                  |                      |
| 05 05 23 00-0889 | EA  |     | 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 18.28                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |
| 05 05 23 00-0890 | EA  |     | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 19.44                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |
| 05 05 23 00-0891 | EA  |     | 1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....  | 20.74                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                                 | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                                 | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                        | -2.52                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM   | DESCRIPTION                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------|------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0892 | EA  | 1/2"  | Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 22.87                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.72                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.15                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.58                     |                         |
| 05 05 23 00-0893 | EA  | 1/2"  | Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 23.65                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.72                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.15                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.58                     |                         |
| 05 05 23 00-0894 | EA  | 1/2"  | Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 24.88                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.72                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.15                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.58                     |                         |
| 05 05 23 00-0895 | EA  | 1/2"  | Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 31.10                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.76                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.20                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.64                     |                         |
| 05 05 23 00-0896 | EA  | 1/2"  | Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 31.59                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.76                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.20                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.64                     |                         |
| 05 05 23 00-0897 | EA  | 1/2"  | Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 34.98                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.76                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.20                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.64                     |                         |
| 05 05 23 00-0898 | EA  | 1/2"  | Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....               | 38.36                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.76                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.20                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.64                     |                         |
| 05 05 23 00-0899 |     |       | <b>9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)</b> |                           |                         |
| 05 05 23 00-0900 | EA  | 9/16" | Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 15.74                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.56                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -1.95                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.34                     |                         |
| 05 05 23 00-0901 | EA  | 9/16" | Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 17.97                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.56                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -1.95                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.34                     |                         |
| 05 05 23 00-0902 | EA  | 9/16" | Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 21.87                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.56                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -1.95                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.34                     |                         |
| 05 05 23 00-0903 | EA  | 9/16" | Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 22.85                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.60                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.00                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.40                     |                         |
| 05 05 23 00-0904 | EA  | 9/16" | Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 24.23                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.60                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.00                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.40                     |                         |
| 05 05 23 00-0905 | EA  | 9/16" | Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 26.65                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.60                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.00                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.40                     |                         |
| 05 05 23 00-0906 | EA  | 9/16" | Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 30.40                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.64                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.05                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.46                     |                         |
| 05 05 23 00-0907 | EA  | 9/16" | Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 30.95                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.64                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.05                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.46                     |                         |
| 05 05 23 00-0908 | EA  | 9/16" | Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 36.06                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.64                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.05                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.46                     |                         |
| 05 05 23 00-0909 | EA  | 9/16" | Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....            | 38.68                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.68                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.10                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.52                     |                         |
| 05 05 23 00-0910 | EA  | 9/16" | Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 41.41                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.68                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.10                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.52                     |                         |
| 05 05 23 00-0911 |     |       | <b>5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)</b>  |                           |                         |
| 05 05 23 00-0912 | EA  | 5/8"  | Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....                | 12.99                     |                         |
|                  |     |       | For >100 To 250, Deduct .....                                                      | -1.76                     |                         |
|                  |     |       | For >250 To 500, Deduct .....                                                      | -2.20                     |                         |
|                  |     |       | For >500, Deduct .....                                                             | -2.64                     |                         |





| MINOR            |                                                                                 | TOTAL DIRECT |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                 | UNIT COST    |  | UNIT COST  |
| 05 05 23 00-0913 | EA 5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 13.50        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.76        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.20        |  |            |
|                  | For >500, Deduct                                                                | -2.64        |  |            |
| 05 05 23 00-0914 | EA 5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 15.63        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.76        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.20        |  |            |
|                  | For >500, Deduct                                                                | -2.64        |  |            |
| 05 05 23 00-0915 | EA 5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 16.17        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.80        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.25        |  |            |
|                  | For >500, Deduct                                                                | -2.69        |  |            |
| 05 05 23 00-0916 | EA 5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 17.18        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.80        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.25        |  |            |
|                  | For >500, Deduct                                                                | -2.69        |  |            |
| 05 05 23 00-0917 | EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 18.63        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.80        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.25        |  |            |
|                  | For >500, Deduct                                                                | -2.69        |  |            |
| 05 05 23 00-0918 | EA 5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 20.64        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.83        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.29        |  |            |
|                  | For >500, Deduct                                                                | -2.75        |  |            |
| 05 05 23 00-0919 | EA 5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 20.66        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.83        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.29        |  |            |
|                  | For >500, Deduct                                                                | -2.75        |  |            |
| 05 05 23 00-0920 | EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 22.28        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.83        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.29        |  |            |
|                  | For >500, Deduct                                                                | -2.75        |  |            |
| 05 05 23 00-0921 | EA 5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 23.39        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.87        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.34        |  |            |
|                  | For >500, Deduct                                                                | -2.81        |  |            |
| 05 05 23 00-0922 | EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 24.86        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.87        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.34        |  |            |
|                  | For >500, Deduct                                                                | -2.81        |  |            |
| 05 05 23 00-0923 | EA 5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 30.21        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.87        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.34        |  |            |
|                  | For >500, Deduct                                                                | -2.81        |  |            |
| 05 05 23 00-0924 | EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 33.33        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.91        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.39        |  |            |
|                  | For >500, Deduct                                                                | -2.87        |  |            |
| 05 05 23 00-0925 | EA 5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 35.75        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.91        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.39        |  |            |
|                  | For >500, Deduct                                                                | -2.87        |  |            |
| 05 05 23 00-0926 | EA 5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 36.85        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.91        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.39        |  |            |
|                  | For >500, Deduct                                                                | -2.87        |  |            |
| 05 05 23 00-0927 | EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 41.52        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.95        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.44        |  |            |
|                  | For >500, Deduct                                                                | -2.93        |  |            |
| 05 05 23 00-0928 | EA 5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 42.95        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.95        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.44        |  |            |
|                  | For >500, Deduct                                                                | -2.93        |  |            |
| 05 05 23 00-0929 | EA 5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 49.31        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.95        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.44        |  |            |
|                  | For >500, Deduct                                                                | -2.93        |  |            |
| 05 05 23 00-0930 | EA 5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....     | 51.93        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.95        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.44        |  |            |
|                  | For >500, Deduct                                                                | -2.93        |  |            |
| 05 05 23 00-0931 | 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)..... | 15.31        |  |            |
| 05 05 23 00-0932 | EA 3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....      | 15.31        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.76        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.20        |  |            |
|                  | For >500, Deduct                                                                | -2.64        |  |            |
| 05 05 23 00-0933 | EA 3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....  | 16.31        |  |            |
|                  | For >100 To 250, Deduct                                                         | -1.76        |  |            |
|                  | For >250 To 500, Deduct                                                         | -2.20        |  |            |
|                  | For >500, Deduct                                                                | -2.64        |  |            |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0934 | EA  | 3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 17.62                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.20                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.64                     |                         |
| 05 05 23 00-0935 | EA  | 3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 19.23                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.25                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.69                     |                         |
| 05 05 23 00-0936 | EA  | 3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 20.68                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.25                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.69                     |                         |
| 05 05 23 00-0937 | EA  | 3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 23.12                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.80                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.25                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.69                     |                         |
| 05 05 23 00-0938 | EA  | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 24.76                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.29                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.75                     |                         |
| 05 05 23 00-0939 | EA  | 3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 27.02                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.29                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.75                     |                         |
| 05 05 23 00-0940 | EA  | 3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 28.84                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.83                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.29                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.75                     |                         |
| 05 05 23 00-0941 | EA  | 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 30.91                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.34                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.81                     |                         |
| 05 05 23 00-0942 | EA  | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 33.02                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.34                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.81                     |                         |
| 05 05 23 00-0943 | EA  | 3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 36.99                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.87                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.34                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.81                     |                         |
| 05 05 23 00-0944 | EA  | 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 47.71                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.91                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.39                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.87                     |                         |
| 05 05 23 00-0945 | EA  | 3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 51.07                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.91                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.39                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.87                     |                         |
| 05 05 23 00-0946 | EA  | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 58.26                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.91                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.39                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.87                     |                         |
| 05 05 23 00-0947 | EA  | 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 58.79                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0948 | EA  | 3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 59.92                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0949 | EA  | 3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 62.99                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0950 | EA  | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....         | 65.35                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0951 |     | <b>7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)</b> |                           |                         |
| 05 05 23 00-0952 | EA  | 7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 22.53                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0953 | EA  | 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....          | 25.02                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.95                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.44                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.93                     |                         |
| 05 05 23 00-0954 | EA  | 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....      | 27.11                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                     | -1.99                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                     | -2.49                     |                         |
|                  |     | For >500, Deduct .....                                                            | -2.99                     |                         |



| MINOR            | CSI | UOM                                                                      | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-0955 | EA  | 7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 29.63                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.99                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.49                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.99                  |                      |
| 05 05 23 00-0956 | EA  | 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 30.45                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.99                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.49                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.99                  |                      |
| 05 05 23 00-0957 | EA  | 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 32.71                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.03                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.54                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.05                  |                      |
| 05 05 23 00-0958 | EA  | 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 33.51                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.03                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.54                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.05                  |                      |
| 05 05 23 00-0959 | EA  | 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 39.00                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.03                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.54                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.05                  |                      |
| 05 05 23 00-0960 | EA  | 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 40.02                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.07                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.59                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.11                  |                      |
| 05 05 23 00-0961 | EA  | 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 42.13                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.07                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.59                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.11                  |                      |
| 05 05 23 00-0962 | EA  | 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 53.75                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.07                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.59                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.11                  |                      |
| 05 05 23 00-0963 | EA  | 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 58.40                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.11                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.64                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.16                  |                      |
| 05 05 23 00-0964 | EA  | 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 63.61                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.11                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.64                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.16                  |                      |
| 05 05 23 00-0965 | EA  | 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 67.81                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.11                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.64                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.16                  |                      |
| 05 05 23 00-0966 | EA  | 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 80.77                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.15                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.69                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.22                  |                      |
| 05 05 23 00-0967 | EA  | 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt       | .....       | 90.98                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.15                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.69                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.22                  |                      |
| 05 05 23 00-0968 | EA  | 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt   | .....       | 95.71                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.15                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.69                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.22                  |                      |
| 05 05 23 00-0969 | EA  | 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt      | .....       | 100.42                 |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -2.15                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.69                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -3.22                  |                      |
| 05 05 23 00-0970 |     | 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815) | .....       |                        |                      |
| 05 05 23 00-0971 | EA  | 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt     | .....       | 28.55                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.93                  |                      |
| 05 05 23 00-0972 | EA  | 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt         | .....       | 30.37                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.95                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.44                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.93                  |                      |
| 05 05 23 00-0973 | EA  | 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt     | .....       | 33.26                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.99                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.49                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.99                  |                      |
| 05 05 23 00-0974 | EA  | 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt         | .....       | 35.55                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.99                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.49                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.99                  |                      |
| 05 05 23 00-0975 | EA  | 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt     | .....       | 39.30                  |                      |
|                  |     | For >100 To 250, Deduct                                                  | .....       | -1.99                  |                      |
|                  |     | For >250 To 500, Deduct                                                  | .....       | -2.49                  |                      |
|                  |     | For >500, Deduct                                                         | .....       | -2.99                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM    | DESCRIPTION                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------|-------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-0976 | EA  | 1"     | Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 43.71                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.03                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.54                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.05                     |                         |
| 05 05 23 00-0977 | EA  | 1"     | Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 46.33                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.03                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.54                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.05                     |                         |
| 05 05 23 00-0978 | EA  | 1"     | Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 50.19                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.03                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.54                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.05                     |                         |
| 05 05 23 00-0979 | EA  | 1"     | Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 54.03                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.07                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.59                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.11                     |                         |
| 05 05 23 00-0980 | EA  | 1"     | Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 54.24                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.07                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.59                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.11                     |                         |
| 05 05 23 00-0981 | EA  | 1"     | Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 64.61                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.07                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.59                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.11                     |                         |
| 05 05 23 00-0982 | EA  | 1"     | Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 77.93                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.11                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.64                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.16                     |                         |
| 05 05 23 00-0983 | EA  | 1"     | Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 79.88                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.11                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.64                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.16                     |                         |
| 05 05 23 00-0984 | EA  | 1"     | Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 81.84                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.11                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.64                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.16                     |                         |
| 05 05 23 00-0985 | EA  | 1"     | Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 85.94                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.15                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.69                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.22                     |                         |
| 05 05 23 00-0986 | EA  | 1"     | Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....     | 91.94                     |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.15                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.69                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.22                     |                         |
| 05 05 23 00-0987 | EA  | 1"     | Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt ..... | 119.15                    |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.15                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.69                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.22                     |                         |
| 05 05 23 00-0988 | EA  | 1"     | Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....    | 150.85                    |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -2.15                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -2.69                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -3.22                     |                         |
| 05 05 23 00-0989 |     |        | 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0997)                  |                           |                         |
| 05 05 23 00-0990 |     |        | 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)   |                           |                         |
| 05 05 23 00-0991 | EA  | 1/2"   | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 7.47                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.37                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.71                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.05                     |                         |
| 05 05 23 00-0992 | EA  | 1"     | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 7.76                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.37                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.71                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.05                     |                         |
| 05 05 23 00-0993 | EA  | 1-1/2" | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 7.97                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.37                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.71                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.05                     |                         |
| 05 05 23 00-0994 | EA  | 2"     | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 8.11                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.37                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.71                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.05                     |                         |
| 05 05 23 00-0995 | EA  | 2-1/2" | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 8.71                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.41                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.76                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.11                     |                         |
| 05 05 23 00-0996 | EA  | 3"     | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 9.08                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.41                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.76                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.11                     |                         |
| 05 05 23 00-0997 | EA  | 3-1/2" | Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....        | 9.45                      |                         |
|                  |     |        | For >100 To 250, Deduct .....                                           | -1.41                     |                         |
|                  |     |        | For >250 To 500, Deduct .....                                           | -1.76                     |                         |
|                  |     |        | For >500, Deduct .....                                                  | -2.11                     |                         |



| MINOR            |                                                                                                                                                                         | TOTAL DIRECT |                                  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                         | UNIT         | COST                             | UNIT COST  |
| 05 05 23 00-0998 | EA 4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      |              | 9.95<br>-1.45<br>-1.81<br>-2.17  |            |
| 05 05 23 00-0999 | EA 4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  |              | 10.26<br>-1.45<br>-1.81<br>-2.17 |            |
| 05 05 23 00-1000 | EA 5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      |              | 10.39<br>-1.45<br>-1.81<br>-2.17 |            |
| 05 05 23 00-1001 | EA 5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  |              | 11.54<br>-1.48<br>-1.86<br>-2.23 |            |
| 05 05 23 00-1002 | EA 6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      |              | 11.80<br>-1.48<br>-1.86<br>-2.23 |            |
| 05 05 23 00-1003 | EA 6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  |              | 21.33<br>-1.48<br>-1.86<br>-2.23 |            |
| 05 05 23 00-1004 | EA 7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      |              | 33.06<br>-1.52<br>-1.90<br>-2.28 |            |
| 05 05 23 00-1005 | EA 7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  |              | 58.49<br>-1.52<br>-1.90<br>-2.28 |            |
| 05 05 23 00-1006 | EA 8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      |              | 64.29<br>-1.52<br>-1.90<br>-2.28 |            |
| 05 05 23 00-1007 | 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)                                                                                                  |              |                                  |            |
| 05 05 23 00-1008 | EA 5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....   |              | 7.86<br>-1.37<br>-1.71<br>-2.05  |            |
| 05 05 23 00-1009 | EA 5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     |              | 8.19<br>-1.37<br>-1.71<br>-2.05  |            |
| 05 05 23 00-1010 | EA 5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... |              | 8.73<br>-1.37<br>-1.71<br>-2.05  |            |
| 05 05 23 00-1011 | EA 5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     |              | 9.14<br>-1.37<br>-1.71<br>-2.05  |            |
| 05 05 23 00-1012 | EA 5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... |              | 9.51<br>-1.41<br>-1.76<br>-2.11  |            |
| 05 05 23 00-1013 | EA 5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     |              | 10.35<br>-1.41<br>-1.76<br>-2.11 |            |
| 05 05 23 00-1014 | EA 5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... |              | 10.94<br>-1.41<br>-1.76<br>-2.11 |            |
| 05 05 23 00-1015 | EA 5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     |              | 11.39<br>-1.45<br>-1.81<br>-2.17 |            |
| 05 05 23 00-1016 | EA 5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... |              | 12.64<br>-1.45<br>-1.81<br>-2.17 |            |
| 05 05 23 00-1017 | EA 5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     |              | 12.89<br>-1.45<br>-1.81<br>-2.17 |            |
| 05 05 23 00-1018 | EA 5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... |              | 13.96<br>-1.48<br>-1.86<br>-2.23 |            |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI UOM DESCRIPTION                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-1019 EA 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....       | 14.94                     |                         |
| For >100 To 250, Deduct                                                                        | -1.48                     |                         |
| For >250 To 500, Deduct                                                                        | -1.86                     |                         |
| For >500, Deduct                                                                               | -2.23                     |                         |
| 05 05 23 00-1020 EA 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....   | 23.05                     |                         |
| For >100 To 250, Deduct                                                                        | -1.48                     |                         |
| For >250 To 500, Deduct                                                                        | -1.86                     |                         |
| For >500, Deduct                                                                               | -2.23                     |                         |
| 05 05 23 00-1021 EA 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....       | 34.76                     |                         |
| For >100 To 250, Deduct                                                                        | -1.52                     |                         |
| For >250 To 500, Deduct                                                                        | -1.90                     |                         |
| For >500, Deduct                                                                               | -2.28                     |                         |
| <b>05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b>  |                           |                         |
| 05 05 23 00-1023 EA 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....      | 8.72                      |                         |
| For >100 To 250, Deduct                                                                        | -1.37                     |                         |
| For >250 To 500, Deduct                                                                        | -1.71                     |                         |
| For >500, Deduct                                                                               | -2.05                     |                         |
| 05 05 23 00-1024 EA 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....        | 8.85                      |                         |
| For >100 To 250, Deduct                                                                        | -1.37                     |                         |
| For >250 To 500, Deduct                                                                        | -1.71                     |                         |
| For >500, Deduct                                                                               | -2.05                     |                         |
| 05 05 23 00-1025 EA 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 9.36                      |                         |
| For >100 To 250, Deduct                                                                        | -1.37                     |                         |
| For >250 To 500, Deduct                                                                        | -1.71                     |                         |
| For >500, Deduct                                                                               | -2.05                     |                         |
| 05 05 23 00-1026 EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....        | 10.57                     |                         |
| For >100 To 250, Deduct                                                                        | -1.37                     |                         |
| For >250 To 500, Deduct                                                                        | -1.71                     |                         |
| For >500, Deduct                                                                               | -2.05                     |                         |
| 05 05 23 00-1027 EA 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 11.19                     |                         |
| For >100 To 250, Deduct                                                                        | -1.41                     |                         |
| For >250 To 500, Deduct                                                                        | -1.76                     |                         |
| For >500, Deduct                                                                               | -2.11                     |                         |
| 05 05 23 00-1028 EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....        | 11.41                     |                         |
| For >100 To 250, Deduct                                                                        | -1.41                     |                         |
| For >250 To 500, Deduct                                                                        | -1.76                     |                         |
| For >500, Deduct                                                                               | -2.11                     |                         |
| 05 05 23 00-1029 EA 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 12.46                     |                         |
| For >100 To 250, Deduct                                                                        | -1.41                     |                         |
| For >250 To 500, Deduct                                                                        | -1.76                     |                         |
| For >500, Deduct                                                                               | -2.11                     |                         |
| 05 05 23 00-1030 EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....        | 12.82                     |                         |
| For >100 To 250, Deduct                                                                        | -1.45                     |                         |
| For >250 To 500, Deduct                                                                        | -1.81                     |                         |
| For >500, Deduct                                                                               | -2.17                     |                         |
| 05 05 23 00-1031 EA 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 13.48                     |                         |
| For >100 To 250, Deduct                                                                        | -1.45                     |                         |
| For >250 To 500, Deduct                                                                        | -1.81                     |                         |
| For >500, Deduct                                                                               | -2.17                     |                         |
| 05 05 23 00-1032 EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....        | 13.93                     |                         |
| For >100 To 250, Deduct                                                                        | -1.45                     |                         |
| For >250 To 500, Deduct                                                                        | -1.81                     |                         |
| For >500, Deduct                                                                               | -2.17                     |                         |
| 05 05 23 00-1033 EA 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 15.58                     |                         |
| For >100 To 250, Deduct                                                                        | -1.48                     |                         |
| For >250 To 500, Deduct                                                                        | -1.86                     |                         |
| For >500, Deduct                                                                               | -2.23                     |                         |
| 05 05 23 00-1034 EA 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....        | 17.36                     |                         |
| For >100 To 250, Deduct                                                                        | -1.48                     |                         |
| For >250 To 500, Deduct                                                                        | -1.86                     |                         |
| For >500, Deduct                                                                               | -2.23                     |                         |
| 05 05 23 00-1035 EA 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 17.44                     |                         |
| For >100 To 250, Deduct                                                                        | -1.48                     |                         |
| For >250 To 500, Deduct                                                                        | -1.86                     |                         |
| For >500, Deduct                                                                               | -2.23                     |                         |
| 05 05 23 00-1036 EA 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....        | 22.14                     |                         |
| For >100 To 250, Deduct                                                                        | -1.52                     |                         |
| For >250 To 500, Deduct                                                                        | -1.90                     |                         |
| For >500, Deduct                                                                               | -2.28                     |                         |
| 05 05 23 00-1037 EA 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 29.49                     |                         |
| For >100 To 250, Deduct                                                                        | -1.52                     |                         |
| For >250 To 500, Deduct                                                                        | -1.90                     |                         |
| For >500, Deduct                                                                               | -2.28                     |                         |
| 05 05 23 00-1038 EA 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....        | 37.42                     |                         |
| For >100 To 250, Deduct                                                                        | -1.52                     |                         |
| For >250 To 500, Deduct                                                                        | -1.90                     |                         |
| For >500, Deduct                                                                               | -2.28                     |                         |
| <b>05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b> |                           |                         |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST        | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|
| 05 05 23 00-1040 EA 7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 11.72<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1041 EA 7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 12.48<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1042 EA 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 13.90<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1043 EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 15.32<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1044 EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 16.69<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1045 EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 18.94<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1046 EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 21.28<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1047 EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 21.67<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1048 EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 22.49<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1049 EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 23.25<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1050 EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 23.83<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1051 EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct ..... | 24.42<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1052 EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....     | 25.08<br>-1.72<br>-2.15<br>-2.58 |                         |
| 05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)                                                                                                   |                                  |                         |
| 05 05 23 00-1054 EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      | 11.68<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1055 EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  | 12.50<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1056 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      | 13.65<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1057 EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  | 15.21<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1058 EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      | 16.48<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1059 EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....  | 16.79<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1060 EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....<br>For >100 To 250, Deduct .....<br>For >250 To 500, Deduct .....<br>For >500, Deduct .....      | 17.51<br>-1.64<br>-2.05<br>-2.46 |                         |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR            | CSI | UOM   | DESCRIPTION                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST        | DEMOLITION<br>UNIT COST |
|------------------|-----|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|
| 05 05 23 00-1061 | EA  | 1/2"  | Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 19.95<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1062 | EA  | 1/2"  | Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 24.91<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1063 | EA  | 1/2"  | Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 25.49<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1064 | EA  | 1/2"  | Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 26.27<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1065 | EA  | 1/2"  | Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 32.41<br>-1.68<br>-2.10<br>-2.52 |                         |
| 05 05 23 00-1066 | EA  | 1/2"  | Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 36.70<br>-1.72<br>-2.15<br>-2.58 |                         |
| 05 05 23 00-1067 | EA  | 1/2"  | Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 39.35<br>-1.72<br>-2.15<br>-2.58 |                         |
| 05 05 23 00-1068 | EA  | 1/2"  | Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 43.75<br>-1.72<br>-2.15<br>-2.58 |                         |
| 05 05 23 00-1069 | EA  | 1/2"  | Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 55.57<br>-1.76<br>-2.20<br>-2.64 |                         |
| 05 05 23 00-1070 | EA  | 1/2"  | Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 63.07<br>-1.76<br>-2.20<br>-2.64 |                         |
| 05 05 23 00-1071 | EA  | 1/2"  | Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 64.30<br>-1.76<br>-2.20<br>-2.64 |                         |
| 05 05 23 00-1072 | EA  | 1/2"  | Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>    | 66.22<br>-1.76<br>-2.20<br>-2.64 |                         |
| 05 05 23 00-1073 |     |       | <b>9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b>                                                                                              |                                  |                         |
| 05 05 23 00-1074 | EA  | 9/16" | Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 32.23<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1075 | EA  | 9/16" | Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 34.92<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1076 | EA  | 9/16" | Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 43.95<br>-1.56<br>-1.95<br>-2.34 |                         |
| 05 05 23 00-1077 | EA  | 9/16" | Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 49.20<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1078 | EA  | 9/16" | Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 54.53<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1079 | EA  | 9/16" | Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 59.86<br>-1.60<br>-2.00<br>-2.40 |                         |
| 05 05 23 00-1080 | EA  | 9/16" | Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 63.37<br>-1.64<br>-2.05<br>-2.46 |                         |
| 05 05 23 00-1081 | EA  | 9/16" | Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 67.77<br>-1.64<br>-2.05<br>-2.46 |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-1082 | EA  |     | 9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....        | 71.67                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.64                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.05                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.46                  |                      |
| 05 05 23 00-1083 | EA  |     | 9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....    | 73.05                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.52                  |                      |
| 05 05 23 00-1084 | EA  |     | 9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....        | 76.49                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.68                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.10                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.52                  |                      |
| 05 05 23 00-1085 |     |     | 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0950) ..... |                        |                      |
| 05 05 23 00-1086 | EA  |     | 5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....         | 16.84                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.20                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.64                  |                      |
| 05 05 23 00-1087 | EA  |     | 5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 17.07                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.20                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.64                  |                      |
| 05 05 23 00-1088 | EA  |     | 5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....         | 17.15                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.76                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.20                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.64                  |                      |
| 05 05 23 00-1089 | EA  |     | 5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 18.88                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.25                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.69                  |                      |
| 05 05 23 00-1090 | EA  |     | 5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....         | 20.47                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.25                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.69                  |                      |
| 05 05 23 00-1091 | EA  |     | 5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 25.49                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.80                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.25                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.69                  |                      |
| 05 05 23 00-1092 | EA  |     | 5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....         | 26.73                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.29                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.75                  |                      |
| 05 05 23 00-1093 | EA  |     | 5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 31.13                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.29                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.75                  |                      |
| 05 05 23 00-1094 | EA  |     | 5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....         | 32.65                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.29                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.75                  |                      |
| 05 05 23 00-1095 | EA  |     | 5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 35.74                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.87                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.34                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.81                  |                      |
| 05 05 23 00-1096 | EA  |     | 5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....         | 36.99                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.87                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.34                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.81                  |                      |
| 05 05 23 00-1097 | EA  |     | 5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 44.69                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.87                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.34                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.81                  |                      |
| 05 05 23 00-1098 | EA  |     | 5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....         | 47.65                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.91                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.39                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.87                  |                      |
| 05 05 23 00-1099 | EA  |     | 5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 48.63                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.91                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.39                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.87                  |                      |
| 05 05 23 00-1100 | EA  |     | 5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....         | 52.22                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.91                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.39                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.87                  |                      |
| 05 05 23 00-1101 | EA  |     | 5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 55.66                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.44                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.93                  |                      |
| 05 05 23 00-1102 | EA  |     | 5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....         | 58.71                  |                      |
|                  |     |     | For >100 To 250, Deduct .....                                               | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct .....                                               | -2.44                  |                      |
|                  |     |     | For >500, Deduct .....                                                      | -2.93                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR                                                                                         | CSI | UOM | DESCRIPTION                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-1103                                                                              | EA  |     | 5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 73.24                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.95                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.44                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.93                     |                         |
| 05 05 23 00-1104                                                                              | EA  |     | 5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....    | 88.77                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.95                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.44                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.93                     |                         |
| <b>05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b> |     |     |                                                                         |                           |                         |
| 05 05 23 00-1106                                                                              | EA  |     | 3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....     | 22.95                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.76                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.20                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.64                     |                         |
| 05 05 23 00-1107                                                                              | EA  |     | 3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 23.50                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.76                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.20                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.64                     |                         |
| 05 05 23 00-1108                                                                              | EA  |     | 3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....     | 25.59                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.76                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.20                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.64                     |                         |
| 05 05 23 00-1109                                                                              | EA  |     | 3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 27.61                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.80                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.25                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.69                     |                         |
| 05 05 23 00-1110                                                                              | EA  |     | 3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....     | 31.52                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.80                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.25                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.69                     |                         |
| 05 05 23 00-1111                                                                              | EA  |     | 3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 33.79                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.80                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.25                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.69                     |                         |
| 05 05 23 00-1112                                                                              | EA  |     | 3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....     | 38.80                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.83                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.29                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.75                     |                         |
| 05 05 23 00-1113                                                                              | EA  |     | 3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 40.79                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.83                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.29                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.75                     |                         |
| 05 05 23 00-1114                                                                              | EA  |     | 3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....     | 41.89                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.83                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.29                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.75                     |                         |
| 05 05 23 00-1115                                                                              | EA  |     | 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 43.55                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.87                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.34                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.81                     |                         |
| 05 05 23 00-1116                                                                              | EA  |     | 3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....     | 46.05                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.87                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.34                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.81                     |                         |
| 05 05 23 00-1117                                                                              | EA  |     | 3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 53.75                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.87                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.34                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.81                     |                         |
| 05 05 23 00-1118                                                                              | EA  |     | 3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....     | 65.07                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.91                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.39                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.87                     |                         |
| 05 05 23 00-1119                                                                              | EA  |     | 3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 73.75                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.91                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.39                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.87                     |                         |
| 05 05 23 00-1120                                                                              | EA  |     | 3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....     | 75.05                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.91                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.39                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.87                     |                         |
| 05 05 23 00-1121                                                                              | EA  |     | 3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 80.47                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.95                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.44                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.93                     |                         |
| 05 05 23 00-1122                                                                              | EA  |     | 3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....     | 93.62                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.95                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.44                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.93                     |                         |
| 05 05 23 00-1123                                                                              | EA  |     | 3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt ..... | 94.73                     |                         |
|                                                                                               |     |     | For >100 To 250, Deduct .....                                           | -1.95                     |                         |
|                                                                                               |     |     | For >250 To 500, Deduct .....                                           | -2.44                     |                         |
|                                                                                               |     |     | For >500, Deduct .....                                                  | -2.93                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                     | TOTAL DIRECT UNIT COST            | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------|
| 05 05 23 00-1124 | EA  |     | 3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>    | 97.50<br>-1.95<br>-2.44<br>-2.93  |                      |
| 05 05 23 00-1125 |     |     | 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)                                                                                                           |                                   |                      |
| 05 05 23 00-1126 | EA  |     | 7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 25.91<br>-1.95<br>-2.44<br>-2.93  |                      |
| 05 05 23 00-1127 | EA  |     | 7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 29.53<br>-1.95<br>-2.44<br>-2.93  |                      |
| 05 05 23 00-1128 | EA  |     | 7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 31.70<br>-1.99<br>-2.49<br>-2.99  |                      |
| 05 05 23 00-1129 | EA  |     | 7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 36.76<br>-1.99<br>-2.49<br>-2.99  |                      |
| 05 05 23 00-1130 | EA  |     | 7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 39.03<br>-1.99<br>-2.49<br>-2.99  |                      |
| 05 05 23 00-1131 | EA  |     | 7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 41.21<br>-2.03<br>-2.54<br>-3.05  |                      |
| 05 05 23 00-1132 | EA  |     | 7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 44.27<br>-2.03<br>-2.54<br>-3.05  |                      |
| 05 05 23 00-1133 | EA  |     | 7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 51.17<br>-2.03<br>-2.54<br>-3.05  |                      |
| 05 05 23 00-1134 | EA  |     | 7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 51.55<br>-2.07<br>-2.59<br>-3.11  |                      |
| 05 05 23 00-1135 | EA  |     | 7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 53.83<br>-2.07<br>-2.59<br>-3.11  |                      |
| 05 05 23 00-1136 | EA  |     | 7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 73.13<br>-2.07<br>-2.59<br>-3.11  |                      |
| 05 05 23 00-1137 | EA  |     | 7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 81.84<br>-2.11<br>-2.64<br>-3.16  |                      |
| 05 05 23 00-1138 | EA  |     | 7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 91.00<br>-2.11<br>-2.64<br>-3.16  |                      |
| 05 05 23 00-1139 | EA  |     | 7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 95.51<br>-2.11<br>-2.64<br>-3.16  |                      |
| 05 05 23 00-1140 | EA  |     | 7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 101.57<br>-2.15<br>-2.69<br>-3.22 |                      |
| 05 05 23 00-1141 | EA  |     | 7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>     | 105.49<br>-2.15<br>-2.69<br>-3.22 |                      |
| 05 05 23 00-1142 | EA  |     | 7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i> | 109.38<br>-2.15<br>-2.69<br>-3.22 |                      |
| 05 05 23 00-1143 | EA  |     | 7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500, Deduct</i>    | 113.76<br>-2.15<br>-2.69<br>-3.22 |                      |
| 05 05 23 00-1144 |     |     | 1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)                                                                                                             |                                   |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                         |                                                                 |        |  |
|------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|--------|--|
| 05 05 23 00-1145 | EA                                                                      | 1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt     | 33.86  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -1.95  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.44  |  |
|                  |                                                                         | For >500, Deduct                                                | -2.93  |  |
| 05 05 23 00-1146 | EA                                                                      | 1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 39.63  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -1.99  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.49  |  |
|                  |                                                                         | For >500, Deduct                                                | -2.99  |  |
| 05 05 23 00-1147 | EA                                                                      | 1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt     | 43.36  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -1.99  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.49  |  |
|                  |                                                                         | For >500, Deduct                                                | -2.99  |  |
| 05 05 23 00-1148 | EA                                                                      | 1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 49.32  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -1.99  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.49  |  |
|                  |                                                                         | For >500, Deduct                                                | -2.99  |  |
| 05 05 23 00-1149 | EA                                                                      | 1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt     | 51.64  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.03  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.54  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.05  |  |
| 05 05 23 00-1150 | EA                                                                      | 1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 55.68  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.03  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.54  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.05  |  |
| 05 05 23 00-1151 | EA                                                                      | 1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt     | 59.76  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.03  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.54  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.05  |  |
| 05 05 23 00-1152 | EA                                                                      | 1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 64.07  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.07  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.59  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.11  |  |
| 05 05 23 00-1153 | EA                                                                      | 1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt     | 74.61  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.07  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.59  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.11  |  |
| 05 05 23 00-1154 | EA                                                                      | 1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 85.01  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.07  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.59  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.11  |  |
| 05 05 23 00-1155 | EA                                                                      | 1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt     | 99.42  |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.11  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.64  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.16  |  |
| 05 05 23 00-1156 | EA                                                                      | 1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 111.37 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.11  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.64  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.16  |  |
| 05 05 23 00-1157 | EA                                                                      | 1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt     | 113.09 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.11  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.64  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.16  |  |
| 05 05 23 00-1158 | EA                                                                      | 1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 117.19 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.15  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.69  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.22  |  |
| 05 05 23 00-1159 | EA                                                                      | 1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt     | 118.84 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.15  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.69  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.22  |  |
| 05 05 23 00-1160 | EA                                                                      | 1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt | 138.68 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.15  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.69  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.22  |  |
| 05 05 23 00-1161 | EA                                                                      | 1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt    | 157.84 |  |
|                  |                                                                         | For >100 To 250, Deduct                                         | -2.15  |  |
|                  |                                                                         | For >250 To 500, Deduct                                         | -2.69  |  |
|                  |                                                                         | For >500, Deduct                                                | -3.22  |  |
| 05 05 23 00-1162 | <b>Screws</b> (05 05 23)                                                |                                                                 |        |  |
| 05 05 23 00-1163 | <b>Teks® 5 Self Drilling Screws</b> (05 05 23 00-1162)                  |                                                                 |        |  |
|                  | Note: Includes Climaseal® finish, self-drill point and tapping threads. |                                                                 |        |  |
| 05 05 23 00-1164 | EA                                                                      | 12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw    | 3.77   |  |
|                  |                                                                         | For >10 To 50, Deduct                                           | -0.16  |  |
|                  |                                                                         | For >50 To 100, Deduct                                          | -0.34  |  |
|                  |                                                                         | For >100, Deduct                                                | -0.68  |  |
| 05 05 23 00-1165 | EA                                                                      | 12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw    | 3.96   |  |
|                  |                                                                         | For >10 To 50, Deduct                                           | -0.16  |  |
|                  |                                                                         | For >50 To 100, Deduct                                          | -0.34  |  |
|                  |                                                                         | For >100, Deduct                                                | -0.69  |  |
| 05 05 23 00-1166 | EA                                                                      | 12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw        | 4.45   |  |
|                  |                                                                         | For >10 To 50, Deduct                                           | -0.17  |  |
|                  |                                                                         | For >50 To 100, Deduct                                          | -0.37  |  |
|                  |                                                                         | For >100, Deduct                                                | -0.74  |  |



| MINOR            | CSI | UOM                                                                            | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 05 05 23 00-1167 | EA  | 1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw                | .....       | 6.20                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.22                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.48                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.96                  |                      |
| 05 05 23 00-1168 | EA  | 1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw                | .....       | 6.63                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.23                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.51                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -1.01                  |                      |
| 05 05 23 00-1169 | EA  | 1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw                | .....       | 8.35                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.24                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.57                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -1.13                  |                      |
| 05 05 23 00-1170 | EA  | 1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw                | .....       | 9.40                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.25                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.61                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -1.22                  |                      |
| 05 05 23 00-1171 |     | Security Screws (05 05 23 00-1162)                                             |             |                        |                      |
| 05 05 23 00-1172 |     | 304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)                   |             |                        |                      |
|                  |     | Note: Includes "security" style drive in machine or sheet metal screw threads. |             |                        |                      |
| 05 05 23 00-1173 | EA  | #4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws           | .....       | 2.94                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.28                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.56                  |                      |
| 05 05 23 00-1174 | EA  | #6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw            | .....       | 3.50                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.29                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.58                  |                      |
| 05 05 23 00-1175 | EA  | #6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw              | .....       | 3.98                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.30                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.61                  |                      |
| 05 05 23 00-1176 | EA  | #6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw          | .....       | 4.15                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.31                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.62                  |                      |
| 05 05 23 00-1177 | EA  | #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw              | .....       | 4.46                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.32                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.63                  |                      |
| 05 05 23 00-1178 | EA  | #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw            | .....       | 3.63                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.30                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.59                  |                      |
| 05 05 23 00-1179 | EA  | #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw              | .....       | 3.86                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.30                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.60                  |                      |
| 05 05 23 00-1180 | EA  | #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw          | .....       | 4.33                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.31                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.63                  |                      |
| 05 05 23 00-1181 | EA  | #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw              | .....       | 4.48                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.32                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.63                  |                      |
| 05 05 23 00-1182 | EA  | #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw           | .....       | 3.77                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.30                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.60                  |                      |
| 05 05 23 00-1183 | EA  | #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw             | .....       | 3.83                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.30                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.60                  |                      |
| 05 05 23 00-1184 | EA  | #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw         | .....       | 4.04                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.31                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.61                  |                      |
| 05 05 23 00-1185 | EA  | #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw             | .....       | 4.69                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.32                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.64                  |                      |
| 05 05 23 00-1186 | EA  | 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw          | .....       | 4.15                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.31                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.62                  |                      |
| 05 05 23 00-1187 | EA  | 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw            | .....       | 4.29                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.31                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.62                  |                      |
| 05 05 23 00-1188 | EA  | 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw        | .....       | 4.92                   |                      |
|                  |     | For >10 To 50, Deduct                                                          | .....       | -0.14                  |                      |
|                  |     | For >50 To 100, Deduct                                                         | .....       | -0.33                  |                      |
|                  |     | For >100, Deduct                                                               | .....       | -0.66                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

05 05 23 00-1189 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....5.90  
For >10 To 50, Deduct -0.14  
For >50 To 100, Deduct -0.35  
For >100, Deduct -0.70

**05 05 23 00-1190 Threaded Rod (05 05 23)**

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

**05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod (05 05 23 00-1190)**

05 05 23 00-1192 LF 1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....3.17 0.54  
For Left Hand Threaded Rod, Add 0.21  
05 05 23 00-1193 LF 5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....4.34 0.59  
For Left Hand Threaded Rod, Add 0.32  
05 05 23 00-1194 LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....5.06 0.69  
For Left Hand Threaded Rod, Add 0.37  
05 05 23 00-1195 LF 7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....7.16 0.70  
For Left Hand Threaded Rod, Add 0.58  
05 05 23 00-1196 LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....7.34 0.73  
For Left Hand Threaded Rod, Add 0.59  
05 05 23 00-1197 LF 9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....9.33 0.74  
For Left Hand Threaded Rod, Add 0.79  
05 05 23 00-1198 LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....10.63 0.75  
For Left Hand Threaded Rod, Add 0.91  
05 05 23 00-1199 LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....18.14 0.77  
For Left Hand Threaded Rod, Add 1.66  
05 05 23 00-1200 LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....19.83 0.80  
For Left Hand Threaded Rod, Add 1.82  
05 05 23 00-1201 LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....27.41 0.90  
For Left Hand Threaded Rod, Add 2.56  
05 05 23 00-1202 LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....34.31 1.00  
For Left Hand Threaded Rod, Add 3.23  
05 05 23 00-1203 LF 1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....45.83 1.09  
For Left Hand Threaded Rod, Add 4.36  
05 05 23 00-1204 LF 1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....57.37 1.18  
For Left Hand Threaded Rod, Add 5.50  
05 05 23 00-1205 LF 1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....68.89 1.23  
For Left Hand Threaded Rod, Add 6.64  
05 05 23 00-1206 LF 1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....84.83 1.29  
For Left Hand Threaded Rod, Add 8.23  
05 05 23 00-1207 LF 2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....108.81 1.35  
For Left Hand Threaded Rod, Add 10.61

**05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod (05 05 23 00-1190)**

05 05 23 00-1209 LF 1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....3.20 0.54  
For Left Hand Threaded Rod, Add 0.21  
05 05 23 00-1210 LF 5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....5.03 0.59  
For Left Hand Threaded Rod, Add 0.38  
05 05 23 00-1211 LF 3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....5.58 0.69  
For Left Hand Threaded Rod, Add 0.42  
05 05 23 00-1212 LF 7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....8.47 0.70  
For Left Hand Threaded Rod, Add 0.71  
05 05 23 00-1213 LF 1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....9.16 0.73  
For Left Hand Threaded Rod, Add 0.77  
05 05 23 00-1214 LF 9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....12.32 0.74  
For Left Hand Threaded Rod, Add 1.09  
05 05 23 00-1215 LF 5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....13.12 0.75  
For Left Hand Threaded Rod, Add 1.16  
05 05 23 00-1216 LF 3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....20.28 0.77  
For Left Hand Threaded Rod, Add 1.87  
05 05 23 00-1217 LF 7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....26.57 0.80  
For Left Hand Threaded Rod, Add 2.50  
05 05 23 00-1218 LF 1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....35.91 0.90  
For Left Hand Threaded Rod, Add 3.41  
05 05 23 00-1219 LF 1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....46.60 1.00  
For Left Hand Threaded Rod, Add 4.46  
05 05 23 00-1220 LF 1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....55.71 1.09  
For Left Hand Threaded Rod, Add 5.35  
05 05 23 00-1221 LF 1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....63.50 1.18  
For Left Hand Threaded Rod, Add 6.11  
05 05 23 00-1222 LF 1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....80.33 1.23  
For Left Hand Threaded Rod, Add 7.79  
05 05 23 00-1223 LF 1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....99.90 1.29  
For Left Hand Threaded Rod, Add 9.73  
05 05 23 00-1224 LF 2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod .....146.58 1.35  
For Left Hand Threaded Rod, Add 14.39

**05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod (05 05 23 00-1190)**

05 05 23 00-1226 LF 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod .....9.86 0.69  
For Left Hand Threaded Rod, Add 0.85



| MINOR            | CSI | UOM | DESCRIPTION                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-1227 | LF  |     | 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....   | 14.15                  | 0.73                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.27                   |                      |
| 05 05 23 00-1228 | LF  |     | 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....   | 19.45                  | 0.75                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.80                   |                      |
| 05 05 23 00-1229 | LF  |     | 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....   | 27.09                  | 0.77                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 2.56                   |                      |
| 05 05 23 00-1230 | LF  |     | 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....   | 37.91                  | 0.80                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 3.63                   |                      |
| 05 05 23 00-1231 | LF  |     | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....     | 49.11                  | 0.90                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 4.73                   |                      |
| 05 05 23 00-1232 | LF  |     | 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... | 64.89                  | 1.00                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 6.29                   |                      |
| 05 05 23 00-1233 | LF  |     | 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... | 85.63                  | 1.09                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 8.34                   |                      |
| 05 05 23 00-1234 | LF  |     | 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... | 95.83                  | 1.18                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 9.35                   |                      |
| 05 05 23 00-1235 | LF  |     | 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... | 114.33                 | 1.23                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 11.19                  |                      |
| 05 05 23 00-1236 | LF  |     | 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... | 139.22                 | 1.29                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 13.66                  |                      |
| 05 05 23 00-1237 | LF  |     | 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....     | 244.38                 | 1.35                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 24.17                  |                      |
| 05 05 23 00-1238 |     |     | 304/18-8 Stainless Steel Threaded Rod (05 05 23 00-1190)                   |                        |                      |
| 05 05 23 00-1239 | LF  |     | 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 4.04                   | 0.54                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 0.30                   |                      |
| 05 05 23 00-1240 | LF  |     | 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                 | 6.23                   | 0.59                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 0.50                   |                      |
| 05 05 23 00-1241 | LF  |     | 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 8.08                   | 0.69                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 0.67                   |                      |
| 05 05 23 00-1242 | LF  |     | 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                 | 11.41                  | 0.70                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.00                   |                      |
| 05 05 23 00-1243 | LF  |     | 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 13.77                  | 0.73                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.23                   |                      |
| 05 05 23 00-1244 | LF  |     | 9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                 | 20.03                  | 0.74                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.86                   |                      |
| 05 05 23 00-1245 | LF  |     | 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 20.92                  | 0.75                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.94                   |                      |
| 05 05 23 00-1246 | LF  |     | 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 29.51                  | 0.77                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 2.80                   |                      |
| 05 05 23 00-1247 | LF  |     | 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                  | 40.78                  | 0.80                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 3.92                   |                      |
| 05 05 23 00-1248 | LF  |     | 1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                    | 52.40                  | 0.90                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 5.06                   |                      |
| 05 05 23 00-1249 | LF  |     | 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                | 111.51                 | 1.09                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 10.93                  |                      |
| 05 05 23 00-1250 | LF  |     | 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                | 170.15                 | 1.23                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 16.77                  |                      |
| 05 05 23 00-1251 | LF  |     | 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                | 175.01                 | 1.29                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 17.24                  |                      |
| 05 05 23 00-1252 | LF  |     | 2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....                    | 242.48                 | 1.35                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 23.98                  |                      |
| 05 05 23 00-1253 |     |     | 316 Stainless Steel Threaded Rod (05 05 23 00-1190)                        |                        |                      |
| 05 05 23 00-1254 | LF  |     | 1/4" Diameter, 316 Stainless Steel Threaded Rod.....                       | 6.03                   | 0.54                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 0.49                   |                      |
| 05 05 23 00-1255 | LF  |     | 5/16" Diameter, 316 Stainless Steel Threaded Rod.....                      | 9.91                   | 0.59                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 0.87                   |                      |
| 05 05 23 00-1256 | LF  |     | 3/8" Diameter, 316 Stainless Steel Threaded Rod.....                       | 13.23                  | 0.69                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.19                   |                      |
| 05 05 23 00-1257 | LF  |     | 7/16" Diameter, 316 Stainless Steel Threaded Rod.....                      | 20.93                  | 0.70                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 1.95                   |                      |
| 05 05 23 00-1258 | LF  |     | 1/2" Diameter, 316 Stainless Steel Threaded Rod.....                       | 22.21                  | 0.73                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 2.08                   |                      |
| 05 05 23 00-1259 | LF  |     | 9/16" Diameter, 316 Stainless Steel Threaded Rod.....                      | 29.30                  | 0.74                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 2.78                   |                      |
| 05 05 23 00-1260 | LF  |     | 5/8" Diameter, 316 Stainless Steel Threaded Rod.....                       | 31.56                  | 0.75                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 3.01                   |                      |
| 05 05 23 00-1261 | LF  |     | 3/4" Diameter, 316 Stainless Steel Threaded Rod.....                       | 46.26                  | 0.77                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 4.47                   |                      |
| 05 05 23 00-1262 | LF  |     | 7/8" Diameter, 316 Stainless Steel Threaded Rod.....                       | 63.52                  | 0.80                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 6.19                   |                      |
| 05 05 23 00-1263 | LF  |     | 1" Diameter, 316 Stainless Steel Threaded Rod.....                         | 80.46                  | 0.90                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 7.87                   |                      |
| 05 05 23 00-1264 | LF  |     | 1-1/4" Diameter, 316 Stainless Steel Threaded Rod.....                     | 170.45                 | 1.09                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 16.82                  |                      |
| 05 05 23 00-1265 | LF  |     | 1-1/2" Diameter, 316 Stainless Steel Threaded Rod.....                     | 223.60                 | 1.23                 |
|                  |     |     | For Left Hand Threaded Rod, Add                                            | 22.11                  |                      |
| 05 05 23 00-1266 |     |     | Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)              |                        |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI UOM DESCRIPTION |                                                                          |                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-1267             | LF                                                                       | 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 6.11                      | 0.54                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 2.51                      |                         |
| 05 05 23 00-1268             | LF                                                                       | 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod     | 9.79                      | 0.59                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 4.30                      |                         |
| 05 05 23 00-1269             | LF                                                                       | 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 10.16                     | 0.69                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 4.41                      |                         |
| 05 05 23 00-1270             | LF                                                                       | 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod     | 11.17                     | 0.70                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 4.89                      |                         |
| 05 05 23 00-1271             | LF                                                                       | 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 12.38                     | 0.73                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 5.47                      |                         |
| 05 05 23 00-1272             | LF                                                                       | 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod     | 15.73                     | 0.74                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 7.13                      |                         |
| 05 05 23 00-1273             | LF                                                                       | 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 16.25                     | 0.75                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 7.38                      |                         |
| 05 05 23 00-1274             | LF                                                                       | 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 21.94                     | 0.77                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 10.20                     |                         |
| 05 05 23 00-1275             | LF                                                                       | 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod      | 26.50                     | 0.80                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 12.46                     |                         |
| 05 05 23 00-1276             | LF                                                                       | 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod        | 34.59                     | 0.90                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 16.40                     |                         |
| 05 05 23 00-1277             | LF                                                                       | 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod    | 45.29                     | 1.00                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 21.64                     |                         |
| 05 05 23 00-1278             | LF                                                                       | 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod    | 50.39                     | 1.09                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 24.07                     |                         |
| 05 05 23 00-1279             | LF                                                                       | 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod    | 58.36                     | 1.18                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 28.00                     |                         |
| 05 05 23 00-1280             | LF                                                                       | 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod    | 71.30                     | 1.23                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 34.42                     |                         |
| 05 05 23 00-1281             | LF                                                                       | 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod    | 73.68                     | 1.29                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 35.55                     |                         |
| 05 05 23 00-1282             | LF                                                                       | 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod        | 99.52                     | 1.35                    |
|                              |                                                                          | <i>For Zinc Plating, Add</i>                                   | 48.41                     |                         |
| 05 05 23 00-1283             | <b>Nuts And Washers</b> (05 05 23)                                       |                                                                |                           |                         |
| 05 05 23 00-1284             | <b>Hex Nuts</b> (05 05 23 00-1283)                                       |                                                                |                           |                         |
| 05 05 23 00-1285             | <b>Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts</b> (05 05 23 00-1284) |                                                                |                           |                         |
| 05 05 23 00-1286             | EA                                                                       | 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 0.62                      | 0.27                    |
| 05 05 23 00-1287             | EA                                                                       | 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut  | 0.70                      | 0.27                    |
| 05 05 23 00-1288             | EA                                                                       | 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 0.74                      | 0.27                    |
| 05 05 23 00-1289             | EA                                                                       | 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut  | 0.88                      | 0.27                    |
| 05 05 23 00-1290             | EA                                                                       | 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 0.96                      | 0.27                    |
| 05 05 23 00-1291             | EA                                                                       | 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut  | 1.32                      | 0.27                    |
| 05 05 23 00-1292             | EA                                                                       | 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 1.37                      | 0.27                    |
| 05 05 23 00-1293             | EA                                                                       | 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 1.64                      | 0.54                    |
| 05 05 23 00-1294             | EA                                                                       | 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut   | 2.48                      | 0.54                    |
| 05 05 23 00-1295             | EA                                                                       | 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut     | 3.18                      | 0.54                    |
| 05 05 23 00-1296             | EA                                                                       | 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 5.31                      | 0.54                    |
| 05 05 23 00-1297             | EA                                                                       | 1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 6.52                      | 0.54                    |
| 05 05 23 00-1298             | EA                                                                       | 1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 9.71                      | 0.54                    |
| 05 05 23 00-1299             | EA                                                                       | 1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 11.27                     | 0.82                    |
| 05 05 23 00-1300             | EA                                                                       | 1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut | 16.68                     | 0.82                    |
| 05 05 23 00-1301             | EA                                                                       | 2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut     | 24.23                     | 0.82                    |
| 05 05 23 00-1302             | <b>Zinc Plated Steel, Grade 5 Hex Nuts</b> (05 05 23 00-1284)            |                                                                |                           |                         |
| 05 05 23 00-1303             | EA                                                                       | 1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 0.64                      | 0.27                    |
| 05 05 23 00-1304             | EA                                                                       | 5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut             | 0.71                      | 0.27                    |
| 05 05 23 00-1305             | EA                                                                       | 3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 0.77                      | 0.27                    |
| 05 05 23 00-1306             | EA                                                                       | 7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut             | 0.92                      | 0.27                    |
| 05 05 23 00-1307             | EA                                                                       | 1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 1.10                      | 0.27                    |
| 05 05 23 00-1308             | EA                                                                       | 9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut             | 1.36                      | 0.27                    |
| 05 05 23 00-1309             | EA                                                                       | 5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 1.40                      | 0.27                    |
| 05 05 23 00-1310             | EA                                                                       | 3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 1.88                      | 0.54                    |
| 05 05 23 00-1311             | EA                                                                       | 7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut              | 2.72                      | 0.54                    |
| 05 05 23 00-1312             | EA                                                                       | 1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut                | 3.90                      | 0.54                    |
| 05 05 23 00-1313             | EA                                                                       | 1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut            | 6.03                      | 0.54                    |
| 05 05 23 00-1314             | EA                                                                       | 1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut            | 8.59                      | 0.54                    |
| 05 05 23 00-1315             | EA                                                                       | 1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut            | 12.74                     | 0.54                    |
| 05 05 23 00-1316             | EA                                                                       | 1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut            | 14.08                     | 0.82                    |
| 05 05 23 00-1317             | EA                                                                       | 1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut            | 25.64                     | 0.82                    |
| 05 05 23 00-1318             | EA                                                                       | 2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut                | 36.88                     | 0.82                    |
| 05 05 23 00-1319             | <b>Zinc Plated Steel, Grade 8 Hex Nuts</b> (05 05 23 00-1284)            |                                                                |                           |                         |
| 05 05 23 00-1320             | EA                                                                       | 1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut              | 0.66                      | 0.27                    |
| 05 05 23 00-1321             | EA                                                                       | 5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut             | 0.77                      | 0.27                    |
| 05 05 23 00-1322             | EA                                                                       | 3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut              | 0.83                      | 0.27                    |
| 05 05 23 00-1323             | EA                                                                       | 7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut             | 1.08                      | 0.27                    |
| 05 05 23 00-1324             | EA                                                                       | 1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut              | 1.31                      | 0.27                    |





| MINOR                                                                                        | CSI | UOM | DESCRIPTION                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|----------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-1325                                                                             | EA  |     | 9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                       | 1.60                   | 0.27                 |
| 05 05 23 00-1326                                                                             | EA  |     | 5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                        | 1.84                   | 0.27                 |
| 05 05 23 00-1327                                                                             | EA  |     | 3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                        | 2.32                   | 0.54                 |
| 05 05 23 00-1328                                                                             | EA  |     | 7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                        | 3.56                   | 0.54                 |
| 05 05 23 00-1329                                                                             | EA  |     | 1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                          | 4.79                   | 0.54                 |
| 05 05 23 00-1330                                                                             | EA  |     | 1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                      | 7.59                   | 0.54                 |
| 05 05 23 00-1331                                                                             | EA  |     | 1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                      | 9.50                   | 0.54                 |
| 05 05 23 00-1332                                                                             | EA  |     | 1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                      | 15.80                  | 0.54                 |
| 05 05 23 00-1333                                                                             | EA  |     | 1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                      | 16.77                  | 0.82                 |
| 05 05 23 00-1334                                                                             | EA  |     | 1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                      | 25.71                  | 0.82                 |
| 05 05 23 00-1335                                                                             | EA  |     | 2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut .....                          | 36.47                  | 0.82                 |
| 05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284) |     |     |                                                                                |                        |                      |
| 05 05 23 00-1337                                                                             | EA  |     | 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 0.66                   | 0.27                 |
| 05 05 23 00-1338                                                                             | EA  |     | 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....  | 0.75                   | 0.27                 |
| 05 05 23 00-1339                                                                             | EA  |     | 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 0.81                   | 0.27                 |
| 05 05 23 00-1340                                                                             | EA  |     | 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....  | 1.05                   | 0.27                 |
| 05 05 23 00-1341                                                                             | EA  |     | 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 1.22                   | 0.27                 |
| 05 05 23 00-1342                                                                             | EA  |     | 9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....  | 1.38                   | 0.27                 |
| 05 05 23 00-1343                                                                             | EA  |     | 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 1.54                   | 0.27                 |
| 05 05 23 00-1344                                                                             | EA  |     | 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 2.10                   | 0.54                 |
| 05 05 23 00-1345                                                                             | EA  |     | 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....   | 3.12                   | 0.54                 |
| 05 05 23 00-1346                                                                             | EA  |     | 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....     | 4.36                   | 0.54                 |
| 05 05 23 00-1347                                                                             | EA  |     | 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut ..... | 7.33                   | 0.54                 |
| 05 05 23 00-1348                                                                             | EA  |     | 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut ..... | 9.43                   | 0.54                 |
| 05 05 23 00-1349                                                                             | EA  |     | 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut ..... | 14.13                  | 0.54                 |
| 05 05 23 00-1350                                                                             | EA  |     | 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut ..... | 16.51                  | 0.82                 |
| 05 05 23 00-1351                                                                             | EA  |     | 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut ..... | 29.00                  | 0.82                 |
| 05 05 23 00-1352                                                                             | EA  |     | 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut .....     | 50.38                  | 0.82                 |
| 05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)                             |     |     |                                                                                |                        |                      |
| 05 05 23 00-1354                                                                             | EA  |     | 1/4" Diameter, 304 Stainless Steel Hex Nut .....                               | 0.78                   | 0.27                 |
| 05 05 23 00-1355                                                                             | EA  |     | 5/16" Diameter, 304 Stainless Steel Hex Nut .....                              | 0.95                   | 0.27                 |
| 05 05 23 00-1356                                                                             | EA  |     | 3/8" Diameter, 304 Stainless Steel Hex Nut .....                               | 1.07                   | 0.27                 |
| 05 05 23 00-1357                                                                             | EA  |     | 7/16" Diameter, 304 Stainless Steel Hex Nut .....                              | 1.72                   | 0.27                 |
| 05 05 23 00-1358                                                                             | EA  |     | 1/2" Diameter, 304 Stainless Steel Hex Nut .....                               | 1.86                   | 0.27                 |
| 05 05 23 00-1359                                                                             | EA  |     | 9/16" Diameter, 304 Stainless Steel Hex Nut .....                              | 2.98                   | 0.27                 |
| 05 05 23 00-1360                                                                             | EA  |     | 5/8" Diameter, 304 Stainless Steel Hex Nut .....                               | 3.35                   | 0.27                 |
| 05 05 23 00-1361                                                                             | EA  |     | 3/4" Diameter, 304 Stainless Steel Hex Nut .....                               | 3.88                   | 0.54                 |
| 05 05 23 00-1362                                                                             | EA  |     | 7/8" Diameter, 304 Stainless Steel Hex Nut .....                               | 6.55                   | 0.54                 |
| 05 05 23 00-1363                                                                             | EA  |     | 1" Diameter, 304 Stainless Steel Hex Nut .....                                 | 10.15                  | 0.54                 |
| 05 05 23 00-1364                                                                             | EA  |     | 1-1/4" Diameter, 304 Stainless Steel Hex Nut .....                             | 24.80                  | 0.54                 |
| 05 05 23 00-1365                                                                             | EA  |     | 1-1/2" Diameter, 304 Stainless Steel Hex Nut .....                             | 48.05                  | 0.82                 |
| 05 05 23 00-1366                                                                             | EA  |     | 1-3/4" Diameter, 304 Stainless Steel Hex Nut .....                             | 84.87                  | 0.82                 |
| 05 05 23 00-1367                                                                             | EA  |     | 2" Diameter, 304 Stainless Steel Hex Nut .....                                 | 121.18                 | 0.82                 |
| 05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)                             |     |     |                                                                                |                        |                      |
| 05 05 23 00-1369                                                                             | EA  |     | 1/4" Diameter, 316 Stainless Steel Hex Nut .....                               | 0.95                   | 0.27                 |
| 05 05 23 00-1370                                                                             | EA  |     | 5/16" Diameter, 316 Stainless Steel Hex Nut .....                              | 1.09                   | 0.27                 |
| 05 05 23 00-1371                                                                             | EA  |     | 3/8" Diameter, 316 Stainless Steel Hex Nut .....                               | 1.33                   | 0.27                 |
| 05 05 23 00-1372                                                                             | EA  |     | 7/16" Diameter, 316 Stainless Steel Hex Nut .....                              | 2.34                   | 0.27                 |
| 05 05 23 00-1373                                                                             | EA  |     | 1/2" Diameter, 316 Stainless Steel Hex Nut .....                               | 2.51                   | 0.27                 |
| 05 05 23 00-1374                                                                             | EA  |     | 9/16" Diameter, 316 Stainless Steel Hex Nut .....                              | 3.52                   | 0.27                 |
| 05 05 23 00-1375                                                                             | EA  |     | 5/8" Diameter, 316 Stainless Steel Hex Nut .....                               | 4.01                   | 0.27                 |
| 05 05 23 00-1376                                                                             | EA  |     | 3/4" Diameter, 316 Stainless Steel Hex Nut .....                               | 5.69                   | 0.54                 |
| 05 05 23 00-1377                                                                             | EA  |     | 7/8" Diameter, 316 Stainless Steel Hex Nut .....                               | 8.04                   | 0.54                 |
| 05 05 23 00-1378                                                                             | EA  |     | 1" Diameter, 316 Stainless Steel Hex Nut .....                                 | 12.51                  | 0.54                 |
| 05 05 23 00-1379                                                                             | EA  |     | 1-1/4" Diameter, 316 Stainless Steel Hex Nut .....                             | 38.73                  | 0.54                 |
| 05 05 23 00-1380                                                                             | EA  |     | 1-1/2" Diameter, 316 Stainless Steel Hex Nut .....                             | 62.90                  | 0.82                 |
| 05 05 23 00-1381                                                                             | EA  |     | 1-3/4" Diameter, 316 Stainless Steel Hex Nut .....                             | 106.49                 | 0.82                 |
| 05 05 23 00-1382                                                                             | EA  |     | 2" Diameter, 316 Stainless Steel Hex Nut .....                                 | 198.43                 | 0.82                 |
| 05 05 23 00-1383 Flat Washers (05 05 23 00-1283)                                             |     |     |                                                                                |                        |                      |
| 05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)               |     |     |                                                                                |                        |                      |
| 05 05 23 00-1385                                                                             | EA  |     | 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 0.05                   |                      |
| 05 05 23 00-1386                                                                             | EA  |     | 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....         | 0.09                   |                      |
| 05 05 23 00-1387                                                                             | EA  |     | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 0.16                   |                      |
| 05 05 23 00-1388                                                                             | EA  |     | 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....         | 0.24                   |                      |
| 05 05 23 00-1389                                                                             | EA  |     | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 0.34                   |                      |
| 05 05 23 00-1390                                                                             | EA  |     | 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....         | 0.39                   |                      |
| 05 05 23 00-1391                                                                             | EA  |     | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 0.66                   |                      |
| 05 05 23 00-1392                                                                             | EA  |     | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 0.95                   |                      |
| 05 05 23 00-1393                                                                             | EA  |     | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....          | 1.13                   |                      |
| 05 05 23 00-1394                                                                             | EA  |     | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....            | 1.39                   |                      |
| 05 05 23 00-1395                                                                             | EA  |     | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....        | 1.57                   |                      |
| 05 05 23 00-1396                                                                             | EA  |     | 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....        | 1.88                   |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                        |      |
|------------------|----|------------------------------------------------------------------------|------|
| 05 05 23 00-1397 | EA | 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer..... | 2.95 |
| 05 05 23 00-1398 | EA | 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer..... | 3.02 |
| 05 05 23 00-1399 | EA | 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer..... | 4.47 |
| 05 05 23 00-1400 | EA | 2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....     | 5.56 |

**05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers** (05 05 23 00-1383)

|                  |    |                                                                      |       |
|------------------|----|----------------------------------------------------------------------|-------|
| 05 05 23 00-1402 | EA | 1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 0.20  |
| 05 05 23 00-1403 | EA | 5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....  | 0.28  |
| 05 05 23 00-1404 | EA | 3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 0.32  |
| 05 05 23 00-1405 | EA | 7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....  | 0.44  |
| 05 05 23 00-1406 | EA | 1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 0.59  |
| 05 05 23 00-1407 | EA | 9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....  | 0.95  |
| 05 05 23 00-1408 | EA | 5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 1.36  |
| 05 05 23 00-1409 | EA | 3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 1.92  |
| 05 05 23 00-1410 | EA | 7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....   | 3.21  |
| 05 05 23 00-1411 | EA | 1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....     | 3.56  |
| 05 05 23 00-1412 | EA | 1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer..... | 5.18  |
| 05 05 23 00-1413 | EA | 1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer..... | 5.65  |
| 05 05 23 00-1414 | EA | 1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer..... | 7.45  |
| 05 05 23 00-1415 | EA | 1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer..... | 8.52  |
| 05 05 23 00-1416 | EA | 1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer..... | 11.45 |
| 05 05 23 00-1417 | EA | 2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....     | 13.74 |

**05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers** (05 05 23 00-1383)

|                  |    |                                                                      |      |
|------------------|----|----------------------------------------------------------------------|------|
| 05 05 23 00-1419 | EA | 1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 0.13 |
| 05 05 23 00-1420 | EA | 5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....  | 0.19 |
| 05 05 23 00-1421 | EA | 3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 0.21 |
| 05 05 23 00-1422 | EA | 7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....  | 0.40 |
| 05 05 23 00-1423 | EA | 1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 0.51 |
| 05 05 23 00-1424 | EA | 9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....  | 0.84 |
| 05 05 23 00-1425 | EA | 5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 0.94 |
| 05 05 23 00-1426 | EA | 3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 1.42 |
| 05 05 23 00-1427 | EA | 7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....   | 2.00 |
| 05 05 23 00-1428 | EA | 1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....     | 2.20 |
| 05 05 23 00-1429 | EA | 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer..... | 3.36 |
| 05 05 23 00-1430 | EA | 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer..... | 3.74 |
| 05 05 23 00-1431 | EA | 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer..... | 5.34 |
| 05 05 23 00-1432 | EA | 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer..... | 5.79 |
| 05 05 23 00-1433 | EA | 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer..... | 8.40 |

**05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers** (05 05 23 00-1383)

|                  |    |                                                                   |       |
|------------------|----|-------------------------------------------------------------------|-------|
| 05 05 23 00-1435 | EA | 1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 0.18  |
| 05 05 23 00-1436 | EA | 5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....  | 0.25  |
| 05 05 23 00-1437 | EA | 3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 0.35  |
| 05 05 23 00-1438 | EA | 7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....  | 0.64  |
| 05 05 23 00-1439 | EA | 1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 1.17  |
| 05 05 23 00-1440 | EA | 9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....  | 1.46  |
| 05 05 23 00-1441 | EA | 5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 2.15  |
| 05 05 23 00-1442 | EA | 3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 2.19  |
| 05 05 23 00-1443 | EA | 7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....   | 4.61  |
| 05 05 23 00-1444 | EA | 1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....     | 5.84  |
| 05 05 23 00-1445 | EA | 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer..... | 6.80  |
| 05 05 23 00-1446 | EA | 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer..... | 7.32  |
| 05 05 23 00-1447 | EA | 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer..... | 7.74  |
| 05 05 23 00-1448 | EA | 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer..... | 9.43  |
| 05 05 23 00-1449 | EA | 1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer..... | 11.72 |
| 05 05 23 00-1450 | EA | 2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....     | 23.03 |

**05 05 23 00-1451 316 Stainless Steel Flat Washers** (05 05 23 00-1383)

|                  |    |                                                              |       |
|------------------|----|--------------------------------------------------------------|-------|
| 05 05 23 00-1452 | EA | 1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 0.36  |
| 05 05 23 00-1453 | EA | 5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....  | 0.39  |
| 05 05 23 00-1454 | EA | 3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 0.70  |
| 05 05 23 00-1455 | EA | 7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....  | 0.82  |
| 05 05 23 00-1456 | EA | 1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 1.52  |
| 05 05 23 00-1457 | EA | 9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....  | 2.73  |
| 05 05 23 00-1458 | EA | 5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 3.22  |
| 05 05 23 00-1459 | EA | 3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 4.06  |
| 05 05 23 00-1460 | EA | 7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....   | 6.29  |
| 05 05 23 00-1461 | EA | 1" Inside Diameter, 316 Stainless Steel Flat Washer.....     | 7.03  |
| 05 05 23 00-1462 | EA | 1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer..... | 8.01  |
| 05 05 23 00-1463 | EA | 1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer..... | 9.86  |
| 05 05 23 00-1464 | EA | 1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer..... | 10.43 |
| 05 05 23 00-1465 | EA | 1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer..... | 10.66 |
| 05 05 23 00-1466 | EA | 1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer..... | 15.63 |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-1467 |     | Lock Washers (05 05 23 00-1283)                                                                      |                           |                         |
| 05 05 23 00-1468 |     | Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)                                        |                           |                         |
| 05 05 23 00-1469 | EA  | 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.02                      |                         |
| 05 05 23 00-1470 | EA  | 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                               | 0.04                      |                         |
| 05 05 23 00-1471 | EA  | 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.06                      |                         |
| 05 05 23 00-1472 | EA  | 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                               | 0.10                      |                         |
| 05 05 23 00-1473 | EA  | 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.13                      |                         |
| 05 05 23 00-1474 | EA  | 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                               | 0.22                      |                         |
| 05 05 23 00-1475 | EA  | 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.25                      |                         |
| 05 05 23 00-1476 | EA  | 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.38                      |                         |
| 05 05 23 00-1477 | EA  | 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                | 0.63                      |                         |
| 05 05 23 00-1478 | EA  | 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                  | 1.14                      |                         |
| 05 05 23 00-1479 | EA  | 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                              | 1.66                      |                         |
| 05 05 23 00-1480 | EA  | 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                              | 2.55                      |                         |
| 05 05 23 00-1481 | EA  | 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                              | 4.03                      |                         |
| 05 05 23 00-1482 | EA  | 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                              | 4.75                      |                         |
| 05 05 23 00-1483 | EA  | 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                              | 8.47                      |                         |
| 05 05 23 00-1484 | EA  | 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....                                  | 9.54                      |                         |
| 05 05 23 00-1485 |     | Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)                                          |                           |                         |
| 05 05 23 00-1486 | EA  | 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 0.10                      |                         |
| 05 05 23 00-1487 | EA  | 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                 | 0.12                      |                         |
| 05 05 23 00-1488 | EA  | 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 0.16                      |                         |
| 05 05 23 00-1489 | EA  | 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                 | 0.18                      |                         |
| 05 05 23 00-1490 | EA  | 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 0.28                      |                         |
| 05 05 23 00-1491 | EA  | 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                 | 0.37                      |                         |
| 05 05 23 00-1492 | EA  | 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 0.44                      |                         |
| 05 05 23 00-1493 | EA  | 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 0.73                      |                         |
| 05 05 23 00-1494 | EA  | 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                  | 1.05                      |                         |
| 05 05 23 00-1495 | EA  | 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                    | 1.66                      |                         |
| 05 05 23 00-1496 | EA  | 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                | 3.01                      |                         |
| 05 05 23 00-1497 | EA  | 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                | 3.59                      |                         |
| 05 05 23 00-1498 | EA  | 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                | 5.18                      |                         |
| 05 05 23 00-1499 | EA  | 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                | 5.92                      |                         |
| 05 05 23 00-1500 | EA  | 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                | 8.01                      |                         |
| 05 05 23 00-1501 | EA  | 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....                                    | 10.91                     |                         |
| 05 05 23 00-1502 |     | 304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)                                             |                           |                         |
| 05 05 23 00-1503 | EA  | 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 0.15                      |                         |
| 05 05 23 00-1504 | EA  | 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                    | 0.21                      |                         |
| 05 05 23 00-1505 | EA  | 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 0.30                      |                         |
| 05 05 23 00-1506 | EA  | 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                    | 0.56                      |                         |
| 05 05 23 00-1507 | EA  | 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 0.62                      |                         |
| 05 05 23 00-1508 | EA  | 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                    | 1.51                      |                         |
| 05 05 23 00-1509 | EA  | 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 1.78                      |                         |
| 05 05 23 00-1510 | EA  | 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 2.07                      |                         |
| 05 05 23 00-1511 | EA  | 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                     | 3.75                      |                         |
| 05 05 23 00-1512 | EA  | 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                       | 5.29                      |                         |
| 05 05 23 00-1513 | EA  | 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                   | 9.24                      |                         |
| 05 05 23 00-1514 | EA  | 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                   | 12.29                     |                         |
| 05 05 23 00-1515 | EA  | 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                   | 15.63                     |                         |
| 05 05 23 00-1516 | EA  | 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....                                   | 18.75                     |                         |
| 05 05 23 00-1517 |     | 316 Stainless Steel Lock Washers (05 05 23 00-1467)                                                  |                           |                         |
| 05 05 23 00-1518 | EA  | 1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 0.19                      |                         |
| 05 05 23 00-1519 | EA  | 5/16" Inside Diameter, 316 Stainless Steel Lock Washer .....                                         | 0.41                      |                         |
| 05 05 23 00-1520 | EA  | 3/8" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 0.47                      |                         |
| 05 05 23 00-1521 | EA  | 7/16" Inside Diameter, 316 Stainless Steel Lock Washer .....                                         | 0.81                      |                         |
| 05 05 23 00-1522 | EA  | 1/2" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 0.90                      |                         |
| 05 05 23 00-1523 | EA  | 9/16" Inside Diameter, 316 Stainless Steel Lock Washer .....                                         | 1.61                      |                         |
| 05 05 23 00-1524 | EA  | 5/8" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 1.76                      |                         |
| 05 05 23 00-1525 | EA  | 3/4" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 3.05                      |                         |
| 05 05 23 00-1526 | EA  | 7/8" Inside Diameter, 316 Stainless Steel Lock Washer .....                                          | 5.04                      |                         |
| 05 05 23 00-1527 | EA  | 1" Inside Diameter, 316 Stainless Steel Lock Washer .....                                            | 6.86                      |                         |
| 05 05 23 00-1528 | EA  | 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer .....                                        | 9.57                      |                         |
| 05 05 23 00-1529 | EA  | 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....                                        | 14.73                     |                         |
| 05 05 23 00-1530 | EA  | 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer .....                                        | 26.37                     |                         |
| 05 05 23 00-1531 | EA  | 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer .....                                        | 29.28                     |                         |
| 05 05 23 00-1532 |     | Load Indicating Washers (05 05 23 00-1283)                                                           |                           |                         |
| 05 05 23 00-1533 |     | A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)               |                           |                         |
| 05 05 23 00-1534 |     | Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533) |                           |                         |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

| MINOR<br>CSI UOM DESCRIPTION                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 05 23 00-1535 EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 2.76                      |                         |
| 05 05 23 00-1536 EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 3.13                      |                         |
| 05 05 23 00-1537 EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 3.37                      |                         |
| 05 05 23 00-1538 EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 3.83                      |                         |
| 05 05 23 00-1539 EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....              | 4.63                      |                         |
| 05 05 23 00-1540 EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....          | 7.69                      |                         |
| 05 05 23 00-1541 EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....          | 9.94                      |                         |
| 05 05 23 00-1542 EA 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....          | 12.69                     |                         |
| 05 05 23 00-1543 EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....          | 13.95                     |                         |
| <b>05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> (05 05 23 00-1533) |                           |                         |
| 05 05 23 00-1545 EA 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....              | 3.50                      |                         |
| 05 05 23 00-1546 EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....              | 3.89                      |                         |
| 05 05 23 00-1547 EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....              | 3.79                      |                         |
| 05 05 23 00-1548 EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....              | 4.63                      |                         |
| 05 05 23 00-1549 EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....                | 5.48                      |                         |
| 05 05 23 00-1550 EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 8.26                      |                         |
| 05 05 23 00-1551 EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 10.40                     |                         |
| 05 05 23 00-1552 EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 14.79                     |                         |
| 05 05 23 00-1553 EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....            | 16.27                     |                         |
| <b>05 05 23 00-1554 Beveled Washers</b> (05 05 23 00-1283)                                                                 |                           |                         |
| <b>05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436)</b> (05 05 23 00-1554)                     |                           |                         |
| 05 05 23 00-1556 EA 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....                                  | 4.56                      |                         |
| 05 05 23 00-1557 EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....                                  | 4.66                      |                         |
| 05 05 23 00-1558 EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....                                  | 4.76                      |                         |
| 05 05 23 00-1559 EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....                                  | 5.79                      |                         |
| 05 05 23 00-1560 EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....                                    | 6.09                      |                         |
| <b>05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436)</b> (05 05 23 00-1554)                       |                           |                         |
| 05 05 23 00-1562 EA 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....                                    | 6.56                      |                         |
| 05 05 23 00-1563 EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....                                    | 6.85                      |                         |
| 05 05 23 00-1564 EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....                                    | 6.85                      |                         |
| 05 05 23 00-1565 EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....                                    | 7.25                      |                         |
| 05 05 23 00-1566 EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436).....                                      | 7.71                      |                         |
| <b>05 05 23 00-1567 Drilling In Existing Steel Plates</b> (05 05 23)                                                       |                           |                         |
| 05 05 23 00-1568 EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate.....                                          | 23.18                     |                         |
| For Aluminum, Deduct                                                                                                       | -2.32                     |                         |
| For Stainless Steel, Add                                                                                                   | 2.90                      |                         |
| For >5 To 10, Deduct                                                                                                       | -2.32                     |                         |
| For >10 To 25, Deduct                                                                                                      | -5.80                     |                         |
| For >25 To 50, Deduct                                                                                                      | -8.11                     |                         |
| For >50, Deduct                                                                                                            | -11.59                    |                         |
| 05 05 23 00-1569 EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate.....                                       | 27.28                     |                         |
| For Aluminum, Deduct                                                                                                       | -2.73                     |                         |
| For Stainless Steel, Add                                                                                                   | 3.41                      |                         |
| For >5 To 10, Deduct                                                                                                       | -2.73                     |                         |
| For >10 To 25, Deduct                                                                                                      | -6.82                     |                         |
| For >25 To 50, Deduct                                                                                                      | -9.55                     |                         |
| For >50, Deduct                                                                                                            | -13.64                    |                         |
| 05 05 23 00-1570 EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate.....                                     | 32.73                     |                         |
| For Aluminum, Deduct                                                                                                       | -3.27                     |                         |
| For Stainless Steel, Add                                                                                                   | 4.09                      |                         |
| For >5 To 10, Deduct                                                                                                       | -3.27                     |                         |
| For >10 To 25, Deduct                                                                                                      | -8.18                     |                         |
| For >25 To 50, Deduct                                                                                                      | -11.46                    |                         |
| For >50, Deduct                                                                                                            | -16.37                    |                         |
| 05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....                                       | 38.18                     |                         |
| For Aluminum, Deduct                                                                                                       | -3.82                     |                         |
| For Stainless Steel, Add                                                                                                   | 4.77                      |                         |
| For >5 To 10, Deduct                                                                                                       | -3.82                     |                         |
| For >10 To 25, Deduct                                                                                                      | -9.55                     |                         |
| For >25 To 50, Deduct                                                                                                      | -13.36                    |                         |
| For >50, Deduct                                                                                                            | -19.09                    |                         |
| 05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....                                          | 51.15                     |                         |
| For Aluminum, Deduct                                                                                                       | -5.12                     |                         |
| For Stainless Steel, Add                                                                                                   | 6.39                      |                         |
| For >5 To 10, Deduct                                                                                                       | -5.12                     |                         |
| For >10 To 25, Deduct                                                                                                      | -12.79                    |                         |
| For >25 To 50, Deduct                                                                                                      | -17.90                    |                         |
| For >50, Deduct                                                                                                            | -25.58                    |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------|------------------------|----------------------|
| 05 05 23 00-1573 | EA  |     | Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....      | 27.28                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -2.73                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 3.41                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -2.73                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -6.82                  |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -9.55                  |                      |
|                  |     |     | For >50, Deduct                                                       | -13.64                 |                      |
| 05 05 23 00-1574 | EA  |     | >1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....   | 34.10                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -3.41                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 4.26                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -3.41                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -8.53                  |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -11.94                 |                      |
|                  |     |     | For >50, Deduct                                                       | -17.05                 |                      |
| 05 05 23 00-1575 | EA  |     | >7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate..... | 40.91                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -4.09                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 5.11                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -4.09                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -10.23                 |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -14.32                 |                      |
|                  |     |     | For >50, Deduct                                                       | -20.46                 |                      |
| 05 05 23 00-1576 | EA  |     | >1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....   | 51.15                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -5.12                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 6.39                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -5.12                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -12.79                 |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -17.90                 |                      |
|                  |     |     | For >50, Deduct                                                       | -25.58                 |                      |
| 05 05 23 00-1577 | EA  |     | Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....        | 34.10                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -3.41                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 4.26                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -3.41                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -8.53                  |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -11.94                 |                      |
|                  |     |     | For >50, Deduct                                                       | -17.05                 |                      |
| 05 05 23 00-1578 | EA  |     | >1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....     | 45.01                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -4.50                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 5.63                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -4.50                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -11.25                 |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -15.75                 |                      |
|                  |     |     | For >50, Deduct                                                       | -22.51                 |                      |
| 05 05 23 00-1579 | EA  |     | >7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....   | 54.55                  |                      |
|                  |     |     | For Aluminum, Deduct                                                  | -5.46                  |                      |
|                  |     |     | For Stainless Steel, Add                                              | 6.82                   |                      |
|                  |     |     | For >5 To 10, Deduct                                                  | -5.46                  |                      |
|                  |     |     | For >10 To 25, Deduct                                                 | -13.64                 |                      |
|                  |     |     | For >25 To 50, Deduct                                                 | -19.09                 |                      |
|                  |     |     | For >50, Deduct                                                       | -27.28                 |                      |
| 05 05 23 00-1580 |     |     | Welded Stud Anchors (05 05 23)                                        |                        |                      |
| 05 05 23 00-1581 | EA  |     | 1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....        | 4.69                   |                      |
| 05 05 23 00-1582 | EA  |     | 2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....      | 4.80                   |                      |
| 05 05 23 00-1583 | EA  |     | 3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....        | 4.85                   |                      |
| 05 05 23 00-1584 | EA  |     | 4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....        | 4.89                   |                      |
| 05 05 23 00-1585 | EA  |     | 1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 4.57                   |                      |
| 05 05 23 00-1586 | EA  |     | 1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 4.84                   |                      |
| 05 05 23 00-1587 | EA  |     | 2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 5.11                   |                      |
| 05 05 23 00-1588 | EA  |     | 2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 5.25                   |                      |
| 05 05 23 00-1589 | EA  |     | 3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 5.39                   |                      |
| 05 05 23 00-1590 | EA  |     | 4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 5.95                   |                      |
| 05 05 23 00-1591 | EA  |     | 5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 6.41                   |                      |
| 05 05 23 00-1592 | EA  |     | 6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....        | 6.78                   |                      |
| 05 05 23 00-1593 | EA  |     | 1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 5.65                   |                      |
| 05 05 23 00-1594 | EA  |     | 1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 5.69                   |                      |
| 05 05 23 00-1595 | EA  |     | 2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 6.11                   |                      |
| 05 05 23 00-1596 | EA  |     | 2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 6.51                   |                      |
| 05 05 23 00-1597 | EA  |     | 3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 7.00                   |                      |
| 05 05 23 00-1598 | EA  |     | 4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 7.76                   |                      |
| 05 05 23 00-1599 | EA  |     | 5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....       | 8.25                   |                      |
| 05 05 23 00-1600 | EA  |     | 6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 9.59                   |                      |
| 05 05 23 00-1601 | EA  |     | 8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....        | 12.12                  |                      |
| 05 05 23 00-1602 | EA  |     | 2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....      | 8.20                   |                      |
| 05 05 23 00-1603 | EA  |     | 3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 8.84                   |                      |
| 05 05 23 00-1604 | EA  |     | 3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....      | 9.36                   |                      |
| 05 05 23 00-1605 | EA  |     | 4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 9.88                   |                      |
| 05 05 23 00-1606 | EA  |     | 4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....      | 10.31                  |                      |
| 05 05 23 00-1607 | EA  |     | 5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 10.70                  |                      |
| 05 05 23 00-1608 | EA  |     | 6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 11.22                  |                      |
| 05 05 23 00-1609 | EA  |     | 6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 13.39                  |                      |
| 05 05 23 00-1610 | EA  |     | 8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....       | 16.38                  |                      |

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |                    |           |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------|-----------|----------|
| 05 05 23 00-1611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Welded Shear Stud Connector                                   | (05 05 23)         |           |          |
| 05 05 23 00-1612                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3/4" Diameter Welded Shear Stud Connector                     | (05 05 23 00-1611) |           |          |
| 05 05 23 00-1613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector  |                    | 10.59     |          |
| 05 05 23 00-1614                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector   |                    | 11.05     |          |
| 05 05 23 00-1615                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector   |                    | 11.17     |          |
| 05 05 23 00-1616                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector  |                    | 11.23     |          |
| 05 05 23 00-1617                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector   |                    | 11.75     |          |
| 05 05 23 00-1618                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector |                    | 12.70     |          |
| 05 05 23 00-1619                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector   |                    | 21.89     |          |
| 05 05 23 00-1620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector  |                    | 13.80     |          |
| 05 05 23 00-1621                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector   |                    | 15.48     |          |
| 05 05 23 00-1622                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector  |                    | 19.90     |          |
| 05 05 23 00-1623                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector  |                    | 20.42     |          |
| 05 05 23 00-1624                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector  |                    | 22.25     |          |
| 05 05 23 00-1625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector |                    | 29.94     |          |
| 05 05 23 00-1626                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7/8" Diameter Welded Shear Stud Connector                     | (05 05 23 00-1611) |           |          |
| 05 05 23 00-1627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector  |                    | 12.88     |          |
| 05 05 23 00-1628                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector |                    | 13.62     |          |
| 05 05 23 00-1629                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector  |                    | 14.35     |          |
| 05 05 23 00-1630                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector  |                    | 16.46     |          |
| 05 05 23 00-1631                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector  |                    | 21.03     |          |
| 05 05 23 00-1632                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector  |                    | 23.26     |          |
| 05 05 23 00-1633                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector  |                    | 25.45     |          |
| 05 05 23 00-1634                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector |                    | 31.62     |          |
| 05 05 23 00-1635                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1" Diameter Welded Shear Stud Connector                       | (05 05 23 00-1611) |           |          |
| 05 05 23 00-1636                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 3-1/4" Long, Welded Shear Stud Connector     |                    | 17.68     |          |
| 05 05 23 00-1637                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector     |                    | 19.94     |          |
| 05 05 23 00-1638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector     |                    | 23.26     |          |
| 05 05 23 00-1639                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector     |                    | 29.36     |          |
| 05 05 23 00-1640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector     |                    | 32.84     |          |
| 05 05 23 00-1641                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector     |                    | 36.32     |          |
| <b>05 10 Structural Metal Framing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               | (05)               |           |          |
| <b>05 12 Structural Steel Framing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               | (05 10)            |           |          |
| <b>05 12 23 Structural Steel for Buildings</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               | (05 12)            |           |          |
| See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.                                                                                                                                                                                                                                                                                                                                                              |                                                               |                    |           |          |
| 05 12 23 00-0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rolled Steel Members                                          | (05 12 23)         |           |          |
| Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections. |                                                               |                    |           |          |
| 05 12 23 00-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Beams, Girders And Columns                                    | (05 12 23 00-0001) |           |          |
| Note: For one and two story I beams and W shapes and HP shapes.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               |                    |           |          |
| 05 12 23 00-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TON Up To 30 LB/LF Beams, Girders And Columns                 |                    | 12,004.81 | 1,306.69 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For ASTM A242 Type 2 High Strength Steel, Add                 |                    | 744.12    |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For Hot Dip Galvanizing, Add                                  |                    | 2,604.43  |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >10 To 25 Tons, Deduct                                    |                    | -790.63   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >25 To 50 Tons, Deduct                                    |                    | -1,627.77 |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >50 Tons, Deduct                                          |                    | -2,325.39 |          |
| 05 12 23 00-0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TON >30-65 LB/LF Beams, Girders And Columns                   |                    | 8,534.94  | 844.68   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For ASTM A242 Type 2 High Strength Steel, Add                 |                    | 610.71    |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For Hot Dip Galvanizing, Add                                  |                    | 2,137.48  |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >10 To 25 Tons, Deduct                                    |                    | -648.88   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >25 To 50 Tons, Deduct                                    |                    | -1,335.93 |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >50 Tons, Deduct                                          |                    | -1,908.47 |          |
| 05 12 23 00-0005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TON >65-100 LB/LF Beams, Girders And Columns                  |                    | 7,284.08  | 475.18   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For ASTM A242 Type 2 High Strength Steel, Add                 |                    | 542.18    |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For Hot Dip Galvanizing, Add                                  |                    | 1,897.62  |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >10 To 25 Tons, Deduct                                    |                    | -576.06   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >25 To 50 Tons, Deduct                                    |                    | -1,186.01 |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >50 Tons, Deduct                                          |                    | -1,694.31 |          |
| 05 12 23 00-0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TON >100-300 LB/LF Beams, Girders And Columns                 |                    | 4,903.35  | 252.93   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For ASTM A242 Type 2 High Strength Steel, Add                 |                    | 370.64    |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For Hot Dip Galvanizing, Add                                  |                    | 1,297.25  |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >10 To 25 Tons, Deduct                                    |                    | -393.81   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >25 To 50 Tons, Deduct                                    |                    | -810.78   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For >50 Tons, Deduct                                          |                    | -1,158.26 |          |
| 05 12 23 00-0007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Trusses, Built-Up                                             | (05 12 23 00-0001) |           |          |



|  |                          |           |    |
|--|--------------------------|-----------|----|
|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                     | TOTAL DIRECT<br>UNIT COST                                                | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------|
| 05 12 23 00-0008 TON Built-Up Trusses, Rolled Structural Steel Members.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct | 9,057.74<br>646.83<br>2,270.89<br>-689.38<br>-1,419.31<br>-2,027.58      | 888.65                  |
| 05 12 23 00-0009 Shapes (05 12 23 00-0001)                                                                                                                                                                                                       |                                                                          |                         |
| 05 12 23 00-0010 Rolled Shape Steel Angles (05 12 23 00-0009)                                                                                                                                                                                    |                                                                          |                         |
| 05 12 23 00-0011 TON Up To 10 LB/LF Rolled Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct          | 17,481.28<br>1,074.62<br>3,761.17<br>-1,141.78<br>-2,350.73<br>-3,358.19 | 2,429.12                |
| 05 12 23 00-0012 TON >10 To 20 LB/LF Rolled Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct         | 15,553.07<br>1,027.98<br>3,597.95<br>-1,092.23<br>-2,248.72<br>-3,212.45 | 1,425.54                |
| 05 12 23 00-0013 TON >20 To 58 LB/LF Rolled Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct         | 12,204.72<br>904.30<br>3,165.06<br>-960.82<br>-1,978.16<br>-2,825.95     | 844.68                  |
| 05 12 23 00-0014 Rolled C, MC Steel Channels (05 12 23 00-0009)                                                                                                                                                                                  |                                                                          |                         |
| 05 12 23 00-0015 TON Up To 10 LB/LF Rolled C, MC Steel Channels.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct        | 18,799.86<br>1,058.40<br>3,704.39<br>-1,124.55<br>-2,315.25<br>-3,307.50 | 3,326.27                |
| 05 12 23 00-0016 TON >10 To 20 Rolled C, MC Steel Channels.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct             | 15,375.66<br>1,013.79<br>3,548.27<br>-1,077.15<br>-2,217.67<br>-3,168.10 | 2,534.29                |
| 05 12 23 00-0017 TON >20 To 58 LB/LF Rolled C, MC Steel Channels.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct       | 12,001.96<br>888.08<br>3,108.29<br>-943.59<br>-1,942.68<br>-2,775.26     | 844.68                  |
| 05 12 23 00-0018 Double L Shape Steel Angles (05 12 23 00-0009)                                                                                                                                                                                  |                                                                          |                         |
| 05 12 23 00-0019 TON Up To 20 LB/LF Double L Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct        | 16,299.62<br>1,034.07<br>3,619.24<br>-1,098.70<br>-2,262.02<br>-3,231.46 | 1,927.33                |
| 05 12 23 00-0020 TON >20 To 50 LB/LF Double L Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct       | 13,066.44<br>973.24<br>3,406.34<br>-1,034.07<br>-2,128.96<br>-3,041.38   | 844.68                  |
| 05 12 23 00-0021 TON >50 To 80 LB/LF Double L Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct       | 9,884.43<br>750.21<br>2,625.72<br>-797.09<br>-1,641.07<br>-2,344.39      | 475.18                  |
| 05 12 23 00-0022 TON >80 To 115 LB/LF Double L Shape Steel Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct      | 6,352.65<br>486.62<br>1,703.17<br>-517.03<br>-1,064.48<br>-1,520.69      | 253.30                  |
| 05 12 23 00-0023 Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)                                                                                                                                                                             |                                                                          |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST                                              | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------|
| 05 12 23 00-0024 | TON |     | Up To 30 LB/LF Structural WT, MT, ST Tee Shapes.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct          | 14,868.76<br>973.24<br>3,406.34<br>-1,034.07<br>-2,128.96<br>-3,041.38 | 1,425.54                |
| 05 12 23 00-0025 | TON |     | >30 To 65 LB/LF Structural WT, MT, ST Tee Shapes.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct         | 10,202.62<br>744.12<br>2,604.43<br>-790.63<br>-1,627.77<br>-2,325.39   | 844.68                  |
| 05 12 23 00-0026 | TON |     | >65 To 100 LB/LF Structural WT, MT, ST Tee Shapes.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct        | 8,110.30<br>608.28<br>2,128.96<br>-646.29<br>-1,330.60<br>-1,900.86    | 475.18                  |
| 05 12 23 00-0027 | TON |     | >100 To 365 LB/LF Structural WT, MT, ST Tee Shapes.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct       | 5,998.24<br>458.23<br>1,603.82<br>-486.87<br>-1,002.39<br>-1,431.98    | 252.93                  |
| 05 12 23 00-0028 |     |     | Combination Section Shapes (05 12 23 00-0001)                                                                                                                                                                                      |                                                                        |                         |
| 05 12 23 00-0029 |     |     | Combination Section, W Shapes And Angles (05 12 23 00-0028)                                                                                                                                                                        |                                                                        |                         |
| 05 12 23 00-0030 | TON |     | Up To 30 LB/LF Combination Section - W Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct | 14,083.07<br>910.38<br>3,186.35<br>-967.28<br>-1,991.47<br>-2,844.95   | 1,425.54                |
| 05 12 23 00-0031 | TON |     | >30-65 LB/LF Combination Section - W Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct   | 10,278.67<br>750.21<br>2,625.73<br>-797.10<br>-1,641.08<br>-2,344.40   | 844.68                  |
| 05 12 23 00-0032 | TON |     | >65-100 LB/LF Combination Section - W Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct  | 7,476.67<br>557.58<br>1,951.55<br>-592.43<br>-1,219.72<br>-1,742.45    | 475.18                  |
| 05 12 23 00-0033 | TON |     | >100-300 LB/LF Combination Section - W Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct | 6,504.72<br>498.79<br>1,745.75<br>-529.96<br>-1,091.09<br>-1,558.71    | 252.93                  |
| 05 12 23 00-0034 | TON |     | >300-500 LB/LF Combination Section - W Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct | 5,634.99<br>439.99<br>1,539.95<br>-467.49<br>-962.47<br>-1,374.96      | 126.97                  |
| 05 12 23 00-0035 |     |     | Combination Section, S Shapes And Angles (05 12 23 00-0028)                                                                                                                                                                        |                                                                        |                         |
| 05 12 23 00-0036 | TON |     | >30-65 LB/LF Combination Section - S Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct   | 9,873.14<br>717.76<br>2,512.18<br>-762.63<br>-1,570.11<br>-2,243.02    | 844.68                  |
| 05 12 23 00-0037 | TON |     | >65-100 LB/LF Combination Section - S Shapes And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct  | 7,502.02<br>559.61<br>1,958.64<br>-594.59<br>-1,224.15<br>-1,748.79    | 475.18                  |
| 05 12 23 00-0038 |     |     | Combination Section, Channels And Angles (05 12 23 00-0028)                                                                                                                                                                        |                                                                        |                         |
| 05 12 23 00-0039 | TON |     | Up To 30 LB/LF Combination Section - Channels And Angles.....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct | 14,868.76<br>973.24<br>3,406.34<br>-1,034.07<br>-2,128.96<br>-3,041.38 | 1,425.54                |





|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST                                            | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------|
| 05 12 23 00-0040 TON >30-65 LB/LF Combination Section - Channels And Angles .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                 | 10,785.55<br>790.76<br>2,767.65<br>-840.18<br>-1,729.78<br>-2,471.12 | 844.68                  |
| 05 12 23 00-0041 TON >65-100 LB/LF Combination Section - Channels And Angles .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                | 7,679.44<br>573.81<br>2,008.32<br>-609.67<br>-1,255.20<br>-1,793.15  | 475.18                  |
| 05 12 23 00-0042 Standard Weight Pipe (05 12 23 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                      |                         |
| 05 12 23 00-0043 TON 1/2" To 5" Diameter Standard Weight Pipe .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                               | 8,718.54<br>632.61<br>2,214.72<br>-672.14<br>-1,383.82<br>-1,976.89  | 760.29                  |
| 05 12 23 00-0044 TON >5" To 12" Diameter Standard Weight Pipe .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                               | 9,276.12<br>660.99<br>2,313.47<br>-702.30<br>-1,445.92<br>-2,065.60  | 950.36                  |
| 05 12 23 00-0045 Temporary Steel Support For Structures (05 12 23 00-0001)<br>Note: Includes removal after use.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                      |                         |
| 05 12 23 00-0046 TON Up To 30 LB/LF Temporary Steel Support For Structures .....<br>Note: For all stock sections.                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12,004.81                                                            |                         |
| 05 12 23 00-0047 TON >30 LB/LF Temporary Steel Support For Structures .....<br>Note: For all stock sections.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8,534.94                                                             |                         |
| 05 12 23 00-0048 Structural Steel Shapes (05 12 23)<br>Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections. |                                                                      |                         |
| 05 12 23 00-0049 Steel Rods (05 12 23 00-0048)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                      |                         |
| 05 12 23 00-0050 TON 1/2" To 5" Diameter Extra Strong Steel, Solid .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                          | 9,453.55<br>705.60<br>2,469.59<br>-749.70<br>-1,543.50<br>-2,205.00  | 594.04                  |
| 05 12 23 00-0051 TON >5" To 12" Diameter Extra Strong Steel, Solid .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                          | 10,785.55<br>790.76<br>2,767.65<br>-840.18<br>-1,729.78<br>-2,471.12 | 844.68                  |
| 05 12 23 00-0052 Column Base Plates (05 12 23 00-0048)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |                         |
| 05 12 23 00-0053 LB Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add                                                                                                                                                                                                                                                                                                                                                                                      | 4.61<br>0.30<br>1.06                                                 | 0.76                    |
| 05 12 23 00-0054 LB Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add                                                                                                                                                                                                                                                                                                                                                                                           | 4.34<br>0.29<br>1.01                                                 | 0.65                    |
| 05 12 23 00-0055 TON Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                   | 8,562.41<br>627.21<br>2,195.23<br>-666.41<br>-1,372.02<br>-1,960.02  | 677.17                  |
| 05 12 23 00-0056 TON Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items .....<br>For ASTM A242 Type 2 High Strength Steel, Add<br>For Hot Dip Galvanizing, Add<br>For >10 To 25 Tons, Deduct<br>For >25 To 50 Tons, Deduct<br>For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                        | 6,104.04<br>453.65<br>1,587.78<br>-482.00<br>-992.36<br>-1,417.66    | 406.30                  |
| 05 12 23 00-0057 Double Extra Strong Pipes (05 12 23 00-0048)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                      |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0058 | TON | 2" To 5" Diameter Double Extra Strong Pipe .....                                             | 11,245.76                 | 1,086.07                |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 806.98                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,824.42                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -857.41                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,765.27                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,521.81                 |                         |
| 05 12 23 00-0059 | TON | >5" To 8" Diameter Double Extra Strong Pipe .....                                            | 10,711.06                 | 584.79                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 806.98                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,824.42                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -857.41                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,765.27                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,521.81                 |                         |
| 05 12 23 00-0060 |     | <b>Structural Pipes</b> (05 12 23 00-0048)                                                   |                           |                         |
| 05 12 23 00-0061 | TON | 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items .....   | 7,868.61                  | 501.79                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 567.72                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 1,987.03                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -603.21                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,241.89                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -1,774.14                 |                         |
| 05 12 23 00-0062 | TON | >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items ..... | 8,373.26                  | 578.71                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 567.72                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 1,987.03                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -603.21                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,241.89                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -1,774.14                 |                         |
| 05 12 23 00-0063 |     | <b>Structural Tubing</b> (05 12 23 00-0048)                                                  |                           |                         |
| 05 12 23 00-0064 |     | <b>Rectangle Structural Tubing</b> (05 12 23 00-0063)                                        |                           |                         |
| 05 12 23 00-0065 | TON | 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle .....                           | 13,213.05                 | 506.86                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 1,013.79                  |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 3,548.27                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -1,077.15                 |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -2,217.67                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -3,168.10                 |                         |
| 05 12 23 00-0066 | TON | 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle .....                      | 13,296.23                 | 584.79                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 1,013.79                  |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 3,548.27                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -1,077.15                 |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -2,217.67                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -3,168.10                 |                         |
| 05 12 23 00-0067 | TON | 5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle .....                  | 11,574.07                 | 633.57                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 871.86                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 3,051.51                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -926.35                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,907.20                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,724.57                 |                         |
| 05 12 23 00-0068 | TON | 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle .....                  | 10,948.89                 | 760.29                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 811.03                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,838.62                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -861.72                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,774.14                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,534.48                 |                         |
| 05 12 23 00-0069 | TON | 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle .....                 | 10,742.63                 | 844.68                  |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 787.32                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,755.63                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -836.53                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,722.27                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,460.39                 |                         |
| 05 12 23 00-0070 | TON | 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle .....             | 10,856.45                 | 1,168.94                |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 768.76                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,690.68                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -816.81                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,681.67                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,402.39                 |                         |
| 05 12 23 00-0071 | TON | 10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle .....                | 11,228.65                 | 1,545.29                |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 766.43                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,682.49                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -814.33                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,676.56                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,395.08                 |                         |
| 05 12 23 00-0072 | TON | 12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle .....                | 11,482.27                 | 1,687.97                |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 774.54                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,710.88                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -822.95                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,694.30                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,420.43                 |                         |
| 05 12 23 00-0073 | TON | 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle .....               | 11,709.15                 | 1,900.72                |
|                  |     | For ASTM A242 Type 2 High Strength Steel, Add                                                | 774.54                    |                         |
|                  |     | For Hot Dip Galvanizing, Add                                                                 | 2,710.88                  |                         |
|                  |     | For >10 To 25 Tons, Deduct                                                                   | -822.95                   |                         |
|                  |     | For >25 To 50 Tons, Deduct                                                                   | -1,694.30                 |                         |
|                  |     | For >50 Tons, Deduct                                                                         | -2,420.43                 |                         |



|  |  |                          |           |  |
|--|--|--------------------------|-----------|--|
|  |  | <b>Metals</b>            | <b>05</b> |  |
|  |  | Structural Metal Framing | 05 10     |  |
|  |  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM               | DESCRIPTION                                                                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST                                                   | DEMOLITION UNIT COST |
|------------------|-----|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|
| 05 12 23 00-0074 | TON | 16" x 12", 8", 4" | Weight Range 40-90 LB/LF Structural Tubing - Rectangle .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....  | 12,283.57<br>766.43<br>2,682.49<br>-814.33<br>-1,676.56<br>-2,395.08     | 2,534.29             |
| 05 12 23 00-0075 | TON | 18" x 6", 4"      | Weight Range 48-76 LB/LF Structural Tubing - Rectangle .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....  | 13,586.20<br>746.15<br>2,614.53<br>-792.78<br>-1,632.20<br>-2,331.72     | 3,993.16             |
| 05 12 23 00-0076 | TON | 20" x 12", 8", 4" | Weight Range 48-105 LB/LF Structural Tubing - Rectangle .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct ..... | 15,124.95<br>712.47<br>2,493.63<br>-756.99<br>-1,558.52<br>-2,226.46     | 5,830.53             |
| 05 12 23 00-0077 |     |                   | Square Structural Tubing (05 12 23 00-0063)                                                                                                                                                                                                                      |                                                                          |                      |
| 05 12 23 00-0078 | TON | 2" x 2"           | Weight Range 4-6 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....       | 13,179.26<br>1,013.79<br>3,548.27<br>-1,077.15<br>-2,217.67<br>-3,168.10 | 475.18               |
| 05 12 23 00-0079 | TON | 2.5" x 2.5"       | Weight Range 5-8 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....       | 13,213.05<br>1,013.79<br>3,548.27<br>-1,077.15<br>-2,217.67<br>-3,168.10 | 506.86               |
| 05 12 23 00-0080 | TON | 3" x 3"           | Weight Range 6-11 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....      | 11,827.52<br>892.14<br>3,122.48<br>-947.90<br>-1,951.55<br>-2,787.93     | 633.57               |
| 05 12 23 00-0081 | TON | 3.5" x 3.5"       | Weight Range 8-13 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....      | 11,709.23<br>871.86<br>3,051.51<br>-926.35<br>-1,907.20<br>-2,724.57     | 760.29               |
| 05 12 23 00-0082 | TON | 4" x 4"           | Weight Range 10-22 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 9,326.81<br>665.05<br>2,327.67<br>-706.61<br>-1,454.79<br>-2,078.27      | 950.36               |
| 05 12 23 00-0083 | TON | 5" x 5"           | Weight Range 12-30 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 9,471.62<br>665.05<br>2,327.67<br>-706.61<br>-1,454.79<br>-2,078.27      | 1,086.07             |
| 05 12 23 00-0084 | TON | 6" x 6"           | Weight Range 15-35 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 9,935.04<br>665.05<br>2,327.67<br>-706.61<br>-1,454.79<br>-2,078.27      | 1,520.58             |
| 05 12 23 00-0085 | TON | 7" x 7"           | Weight Range 17-42 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 10,492.60<br>677.21<br>2,370.24<br>-719.54<br>-1,481.40<br>-2,116.29     | 1,900.72             |
| 05 12 23 00-0086 | TON | 8" x 8"           | Weight Range 20-60 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 12,537.04<br>786.70<br>2,753.46<br>-835.87<br>-1,720.91<br>-2,458.45     | 2,534.29             |
| 05 12 23 00-0087 | TON | 10" x 10"         | Weight Range 33-77 LB/LF Structural Tubing - Square .....<br>For ASTM A242 Type 2 High Strength Steel, Add .....<br>For Hot Dip Galvanizing, Add .....<br>For >10 To 25 Tons, Deduct .....<br>For >25 To 50 Tons, Deduct .....<br>For >50 Tons, Deduct .....     | 13,888.65<br>786.70<br>2,753.46<br>-835.87<br>-1,720.91<br>-2,458.45     | 3,801.45             |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI                                                                                            | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0088                                                                                        | TON | 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square .....                           | 13,224.40                 | 4,461.75                |
|                                                                                                         |     | For ASTM A242 Type 2 High Strength Steel, Add .....                                           | 677.21                    |                         |
|                                                                                                         |     | For Hot Dip Galvanizing, Add .....                                                            | 2,370.24                  |                         |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -719.54                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,481.40                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,116.29                 |                         |
| 05 12 23 00-0089                                                                                        | TON | 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square .....                           | 15,850.15                 | 5,830.53                |
|                                                                                                         |     | For ASTM A242 Type 2 High Strength Steel, Add .....                                           | 770.48                    |                         |
|                                                                                                         |     | For Hot Dip Galvanizing, Add .....                                                            | 2,696.69                  |                         |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -818.64                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,685.43                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,407.76                 |                         |
| 05 12 23 00-0090                                                                                        | TON | 16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square .....                          | 17,943.54                 | 7,602.89                |
|                                                                                                         |     | For ASTM A242 Type 2 High Strength Steel, Add .....                                           | 786.70                    |                         |
|                                                                                                         |     | For Hot Dip Galvanizing, Add .....                                                            | 2,753.46                  |                         |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -835.87                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,720.91                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,458.45                 |                         |
| <b>05 12 23 00-0091 Galvanized Steel Pipe Tubing (05 12 23 00-0063)</b>                                 |     |                                                                                               |                           |                         |
|                                                                                                         |     | Note: ASTM A53 Grade B                                                                        |                           |                         |
| 05 12 23 00-0092                                                                                        | LF  | 2" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 47.80                     | 5.52                    |
| 05 12 23 00-0093                                                                                        | LF  | 2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                           | 52.43                     | 6.57                    |
| 05 12 23 00-0094                                                                                        | LF  | 3" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 58.01                     | 8.73                    |
| 05 12 23 00-0095                                                                                        | LF  | 3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                           | 62.55                     | 9.73                    |
| 05 12 23 00-0096                                                                                        | LF  | 4" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 65.39                     | 10.52                   |
| 05 12 23 00-0097                                                                                        | LF  | 5" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 73.19                     | 13.15                   |
| 05 12 23 00-0098                                                                                        | LF  | 6" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 80.98                     | 15.78                   |
| 05 12 23 00-0099                                                                                        | LF  | 8" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                               | 88.56                     | 18.93                   |
| 05 12 23 00-0100                                                                                        | LF  | 10" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                              | 99.51                     | 23.14                   |
| 05 12 23 00-0101                                                                                        | LF  | 12" Diameter Galvanized Steel Pipe Tubing, Standard Weight .....                              | 116.78                    | 29.45                   |
| <b>05 12 23 00-0102 Structural Shapes (05 12 23 00-0048)</b>                                            |     |                                                                                               |                           |                         |
| 05 12 23 00-0103                                                                                        | TON | Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF) ..... | 8,462.67                  | 2,708.72                |
|                                                                                                         |     | For ASTM A242 Type 2 High Strength Steel, Add .....                                           | 333.05                    |                         |
|                                                                                                         |     | For Hot Dip Galvanizing, Add .....                                                            | 1,165.67                  |                         |
|                                                                                                         |     | For >20 To 50 LB/LF, Deduct .....                                                             | -1,061.24                 |                         |
|                                                                                                         |     | For >50 To 75 LB/LF, Deduct .....                                                             | -1,699.36                 |                         |
|                                                                                                         |     | For >75 To 100 LB/LF, Deduct .....                                                            | -2,337.47                 |                         |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -353.87                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -728.55                   |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -1,040.78                 |                         |
| 05 12 23 00-0104                                                                                        | TON | Structural Shapes, Steel Plate A36 Structural Steel .....                                     | 9,551.32                  | 1,083.49                |
|                                                                                                         |     | Note: Up to 21.5 LB per SF                                                                    |                           |                         |
|                                                                                                         |     | For ASTM A242 Type 2 High Strength Steel, Add .....                                           | 648.84                    |                         |
|                                                                                                         |     | For Hot Dip Galvanizing, Add .....                                                            | 2,270.94                  |                         |
|                                                                                                         |     | For >21.5 To 50 LB/LF, Deduct .....                                                           | -1,027.17                 |                         |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -689.39                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,419.34                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,027.63                 |                         |
| 05 12 23 00-0105                                                                                        | LB  | Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF) .....                                | 5.60                      | 0.24                    |
| 05 12 23 00-0106                                                                                        | LB  | Structural Shapes, Galvanized Pipe Supports .....                                             | 6.86                      | 0.24                    |
| <b>05 12 23 00-0107 Built-Up Trusses (05 12 23 00-0048)</b>                                             |     |                                                                                               |                           |                         |
| 05 12 23 00-0108                                                                                        | TON | Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up .....                             | 10,720.82                 | 380.14                  |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -876.80                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,805.18                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,578.83                 |                         |
| 05 12 23 00-0109                                                                                        | TON | >50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up .....                              | 10,641.98                 | 211.10                  |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -885.42                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,822.92                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,604.18                 |                         |
| 05 12 23 00-0110                                                                                        | TON | >100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up .....                             | 9,496.83                  | 111.76                  |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -797.09                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,641.07                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,344.39                 |                         |
| 05 12 23 00-0111                                                                                        | TON | >200 LF Span Average Weight 180 LB/LF Trusses, Built-up .....                                 | 9,236.75                  | 105.68                  |
|                                                                                                         |     | For >10 To 25 Tons, Deduct .....                                                              | -775.55                   |                         |
|                                                                                                         |     | For >25 To 50 Tons, Deduct .....                                                              | -1,596.72                 |                         |
|                                                                                                         |     | For >50 Tons, Deduct .....                                                                    | -2,281.03                 |                         |
| <b>05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0048)</b> |     |                                                                                               |                           |                         |
|                                                                                                         |     | Note: Includes shop fabrication, welds, drilling and shop primer.                             |                           |                         |
| 05 12 23 00-0113                                                                                        | SF  | 1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 34.04                     | 7.80                    |
| 05 12 23 00-0114                                                                                        | SF  | 3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 51.05                     | 11.67                   |
| 05 12 23 00-0115                                                                                        | SF  | 1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 68.07                     | 15.56                   |
| 05 12 23 00-0116                                                                                        | SF  | 5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 85.08                     | 19.44                   |
| 05 12 23 00-0117                                                                                        | SF  | 3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 102.11                    | 23.22                   |
| 05 12 23 00-0118                                                                                        | SF  | 7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                       | 119.12                    | 27.22                   |
| 05 12 23 00-0119                                                                                        | SF  | 1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps .....                         | 136.14                    | 31.11                   |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                              | TOTAL DIRECT |  | DEMOLITION |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                              | UNIT COST    |  | UNIT COST  |
| 05 12 23 00-0120 | SF 1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 153.15       |  | 35.00      |
| 05 12 23 00-0121 | SF 1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 170.18       |  | 38.88      |
| 05 12 23 00-0122 | SF 1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 187.19       |  | 42.77      |
| 05 12 23 00-0123 | SF 1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 204.21       |  | 46.66      |
| 05 12 23 00-0124 | SF 1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 221.22       |  | 50.55      |
| 05 12 23 00-0125 | SF 1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 238.26       |  | 54.43      |
| 05 12 23 00-0126 | SF 1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                  | 255.27       |  | 58.32      |
| 05 12 23 00-0127 | SF 2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....                                                                                                                                                                                                                                                                                      | 272.29       |  | 62.21      |
| 05 12 23 00-0128 | Accessories For Steel (05 12 23)                                                                                                                                                                                                                                                                                                                             |              |  |            |
| 05 12 23 00-0129 | Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0128)                                                                                                                                                                                                                                                                                            |              |  |            |
| 05 12 23 00-0130 | SF Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....                                                                                                                                                                                                                                                                                          | 1.46         |  |            |
| 05 12 23 00-0131 | Connection And Stiffener Plates (05 12 23 00-0128)                                                                                                                                                                                                                                                                                                           |              |  |            |
|                  | Note: For field fabrication of additional structural metal connections.                                                                                                                                                                                                                                                                                      |              |  |            |
| 05 12 23 00-0132 | TON 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                        | 23,414.23    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,990.21    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -4,097.49    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -5,853.56    |  |            |
| 05 12 23 00-0133 | TON 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 19,976.92    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,698.04    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -3,495.96    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -4,994.23    |  |            |
| 05 12 23 00-0134 | TON 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0135 | TON 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                      | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0136 | TON 3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0137 | TON 1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0138 | TON 9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                      | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0139 | TON 5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 15,448.56    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,313.13    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,703.50    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,862.14    |  |            |
| 05 12 23 00-0140 | TON 3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 14,483.03    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,231.06    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,534.53    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,620.76    |  |            |
| 05 12 23 00-0141 | TON 7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                       | 14,483.03    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,231.06    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,534.53    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,620.76    |  |            |
| 05 12 23 00-0142 | TON 1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....                                                                                                                                                                                                                                                                                         | 14,483.03    |  |            |
|                  | For >10 To 25 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -1,231.06    |  |            |
|                  | For >25 To 50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                   | -2,534.53    |  |            |
|                  | For >50 Tons, Deduct                                                                                                                                                                                                                                                                                                                                         | -3,620.76    |  |            |
| 05 12 23 00-0143 | Field Applied Cold Galvanizing (05 12 23 00-0128)                                                                                                                                                                                                                                                                                                            |              |  |            |
| 05 12 23 00-0144 | SF Brush Applied Cold Galvanizing .....                                                                                                                                                                                                                                                                                                                      | 1.73         |  |            |
| 05 12 23 00-0145 | Metal Grinding (05 12 23 00-0128)                                                                                                                                                                                                                                                                                                                            |              |  |            |
|                  | Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.                                                                                                                                                                                                                                  |              |  |            |
| 05 12 23 00-0146 | SI Metal Grinding Up To 1/32" Thickness To Be Removed.....                                                                                                                                                                                                                                                                                                   | 1.04         |  |            |
|                  | Note: Includes rust or scale removal on metal and smoothing surface.                                                                                                                                                                                                                                                                                         |              |  |            |
| 05 12 23 00-0147 | Structural Steel For Buildings And Structures (05 12 23)                                                                                                                                                                                                                                                                                                     |              |  |            |
|                  | Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. |              |  |            |
| 05 12 23 00-0148 | First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0147)                                                                                                                                                                                                                                                                                    |              |  |            |
|                  | Note: With base plate. Includes material delivery and erection.                                                                                                                                                                                                                                                                                              |              |  |            |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0149 | LF  |     | W14 x 730 A992/A36 Structural Column .....          | 1,645.22                  | 75.13                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 434.32                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 148.07                    |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 329.04                    |                         |
| 05 12 23 00-0150 | LF  |     | W14 x 665 A992/A36 Structural Column .....          | 1,500.42                  | 70.03                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 395.65                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 135.04                    |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 300.08                    |                         |
| 05 12 23 00-0151 | LF  |     | W14 x 605 A992/A36 Structural Column .....          | 1,366.63                  | 65.18                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 369.95                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 123.00                    |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 273.33                    |                         |
| 05 12 23 00-0152 | LF  |     | W14 x 550 A992/A36 Structural Column .....          | 1,243.85                  | 60.63                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 327.23                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 111.95                    |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 248.77                    |                         |
| 05 12 23 00-0153 | LF  |     | W14 x 500 A992/A36 Structural Column .....          | 1,142.32                  | 65.90                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 297.48                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 102.81                    |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 228.46                    |                         |
| 05 12 23 00-0154 | LF  |     | W14 x 426 A992/A36 Structural Column .....          | 974.66                    | 57.52                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 253.46                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 87.72                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 194.93                    |                         |
| 05 12 23 00-0155 | LF  |     | W14 x 342 A992/A36 Structural Column .....          | 788.14                    | 49.80                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 203.99                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 70.93                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 157.63                    |                         |
| 05 12 23 00-0156 | LF  |     | W14 x 311 A992/A36 Structural Column .....          | 709.85                    | 46.51                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 183.21                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 63.89                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 141.97                    |                         |
| 05 12 23 00-0157 | LF  |     | W14 x 283 A992/A36 Structural Column .....          | 644.32                    | 43.85                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 165.84                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 57.99                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 128.86                    |                         |
| 05 12 23 00-0158 | LF  |     | W14 x 257 A992/A36 Structural Column .....          | 566.34                    | 41.56                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 144.87                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 50.97                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 113.27                    |                         |
| 05 12 23 00-0159 | LF  |     | W14 x 233 A992/A36 Structural Column .....          | 521.20                    | 38.65                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 133.20                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 46.91                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 104.24                    |                         |
| 05 12 23 00-0160 | LF  |     | W14 x 211 A992/A36 Structural Column .....          | 463.58                    | 35.99                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 117.99                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 41.72                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 92.72                     |                         |
| 05 12 23 00-0161 | LF  |     | W14 x 193 A992/A36 Structural Column .....          | 419.30                    | 34.21                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 106.23                    |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 37.74                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 83.86                     |                         |
| 05 12 23 00-0162 | LF  |     | W14 x 176 A992/A36 Structural Column .....          | 377.91                    | 32.70                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 95.20                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 34.01                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 75.58                     |                         |
| 05 12 23 00-0163 | LF  |     | W14 x 159 A992/A36 Structural Column .....          | 341.71                    | 31.55                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 85.50                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 30.75                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 68.34                     |                         |
| 05 12 23 00-0164 | LF  |     | W14 x 145 A992/A36 Structural Column .....          | 330.21                    | 30.54                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 82.60                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 29.72                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 66.04                     |                         |
| 05 12 23 00-0165 | LF  |     | W14 x 132 A992/A36 Structural Column .....          | 282.41                    | 29.15                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 69.75                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 25.42                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 56.48                     |                         |
| 05 12 23 00-0166 | LF  |     | W14 x 120 A992/A36 Structural Column .....          | 264.79                    | 28.39                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 65.07                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 23.83                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 52.96                     |                         |
| 05 12 23 00-0167 | LF  |     | W14 x 109 A992/A36 Structural Column .....          | 237.09                    | 27.25                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 57.74                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 21.34                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 47.42                     |                         |
| 05 12 23 00-0168 | LF  |     | W14 x 99 A992/A36 Structural Column .....           | 216.35                    | 26.49                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 52.23                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 19.47                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 43.27                     |                         |
| 05 12 23 00-0169 | LF  |     | W14 x 90 A992/A36 Structural Column .....           | 200.98                    | 25.85                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 48.14                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 18.09                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 40.20                     |                         |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0170 | LF  |     | W14 x 82 A992/A36 Structural Column .....           | 185.15                 | 25.09                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 43.96                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 16.66                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 37.03                  |                      |
| 05 12 23 00-0171 | LF  |     | W14 x 74 A992/A36 Structural Column .....           | 167.18                 | 24.46                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 39.18                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 15.05                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 33.44                  |                      |
| 05 12 23 00-0172 | LF  |     | W14 x 68 A992/A36 Structural Column .....           | 156.16                 | 24.07                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 36.23                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 14.05                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 31.23                  |                      |
| 05 12 23 00-0173 | LF  |     | W14 x 61 A992/A36 Structural Column .....           | 142.39                 | 23.44                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 32.59                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 12.82                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 28.48                  |                      |
| 05 12 23 00-0174 | LF  |     | W14 x 53 A992/A36 Structural Column .....           | 129.70                 | 22.81                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 29.24                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 11.67                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 25.94                  |                      |
| 05 12 23 00-0175 | LF  |     | W14 x 48 A992/A36 Structural Column .....           | 121.51                 | 22.42                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 27.07                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 10.94                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 24.30                  |                      |
| 05 12 23 00-0176 | LF  |     | W14 x 43 A992/A36 Structural Column .....           | 109.65                 | 22.05                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 23.92                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 9.87                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 21.93                  |                      |
| 05 12 23 00-0177 | LF  |     | W12 x 336 A992/A36 Structural Column .....          | 750.25                 | 33.46                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 198.30                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 67.52                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 150.05                 |                      |
| 05 12 23 00-0178 | LF  |     | W12 x 305 A992/A36 Structural Column .....          | 683.62                 | 32.79                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 180.00                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 61.53                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 136.72                 |                      |
| 05 12 23 00-0179 | LF  |     | W12 x 279 A992/A36 Structural Column .....          | 627.90                 | 32.40                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 164.66                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 56.51                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 125.58                 |                      |
| 05 12 23 00-0180 | LF  |     | W12 x 252 A992/A36 Structural Column .....          | 569.61                 | 31.59                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 148.72                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 51.26                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 113.92                 |                      |
| 05 12 23 00-0181 | LF  |     | W12 x 230 A992/A36 Structural Column .....          | 522.34                 | 31.13                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 135.74                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 47.01                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 104.47                 |                      |
| 05 12 23 00-0182 | LF  |     | W12 x 210 A992/A36 Structural Column .....          | 479.34                 | 30.70                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 123.94                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 43.14                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 95.87                  |                      |
| 05 12 23 00-0183 | LF  |     | W12 x 190 A992/A36 Structural Column .....          | 441.47                 | 34.97                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 112.13                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 39.73                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 88.29                  |                      |
| 05 12 23 00-0184 | LF  |     | W12 x 170 A992/A36 Structural Column .....          | 398.93                 | 33.96                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 100.68                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 35.90                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 79.79                  |                      |
| 05 12 23 00-0185 | LF  |     | W12 x 152 A992/A36 Structural Column .....          | 359.62                 | 31.55                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 90.47                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 32.37                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 71.92                  |                      |
| 05 12 23 00-0186 | LF  |     | W12 x 136 A992/A36 Structural Column .....          | 341.88                 | 30.66                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 85.80                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 30.77                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 68.38                  |                      |
| 05 12 23 00-0187 | LF  |     | W12 x 120 A992/A36 Structural Column .....          | 258.81                 | 28.14                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 63.45                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 23.29                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 51.76                  |                      |
| 05 12 23 00-0188 | LF  |     | W12 x 106 A992/A36 Structural Column .....          | 238.51                 | 27.25                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 58.13                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 21.47                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 47.70                  |                      |
| 05 12 23 00-0189 | LF  |     | W12 x 96 A992/A36 Structural Column .....           | 213.37                 | 26.36                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 51.44                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 19.20                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 42.67                  |                      |
| 05 12 23 00-0190 | LF  |     | W12 x 87 A992/A36 Structural Column .....           | 196.83                 | 25.47                |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 47.06                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 17.71                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 39.37                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0191 | LF  |     | W12 x 79 A992/A36 Structural Column .....           | 172.70                    | 24.71                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 40.61                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 15.54                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 34.54                     |                         |
| 05 12 23 00-0192 | LF  |     | W12 x 72 A992/A36 Structural Column .....           | 158.05                    | 24.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 36.72                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 14.22                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 31.61                     |                         |
| 05 12 23 00-0193 | LF  |     | W12 x 65 A992/A36 Structural Column .....           | 144.47                    | 23.57                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 33.13                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 13.00                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 28.89                     |                         |
| 05 12 23 00-0194 | LF  |     | W12 x 58 A992/A36 Structural Column .....           | 139.79                    | 23.31                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 31.90                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 12.58                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 27.96                     |                         |
| 05 12 23 00-0195 | LF  |     | W12 x 53 A992/A36 Structural Column .....           | 129.70                    | 22.81                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 29.24                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 11.67                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 25.94                     |                         |
| 05 12 23 00-0196 | LF  |     | W12 x 50 A992/A36 Structural Column .....           | 125.66                    | 22.69                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 28.16                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 11.31                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 25.13                     |                         |
| 05 12 23 00-0197 | LF  |     | W12 x 45 A992/A36 Structural Column .....           | 114.17                    | 22.17                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 25.11                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 10.28                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 22.83                     |                         |
| 05 12 23 00-0198 | LF  |     | W12 x 40 A992/A36 Structural Column .....           | 102.30                    | 21.67                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 21.95                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 9.21                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 20.46                     |                         |
| 05 12 23 00-0199 | LF  |     | W10 x 112 A992/A36 Structural Column .....          | 249.49                    | 27.75                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 61.04                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 22.45                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 49.90                     |                         |
| 05 12 23 00-0200 | LF  |     | W10 x 110 A992/A36 Structural Column .....          | 225.64                    | 26.61                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 54.74                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 20.31                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 45.13                     |                         |
| 05 12 23 00-0201 | LF  |     | W10 x 88 A992/A36 Structural Column .....           | 202.80                    | 25.72                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 48.68                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 18.25                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 40.56                     |                         |
| 05 12 23 00-0202 | LF  |     | W10 x 77 A992/A36 Structural Column .....           | 180.33                    | 24.71                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 42.73                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 16.23                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 36.07                     |                         |
| 05 12 23 00-0203 | LF  |     | W10 x 68 A992/A36 Structural Column .....           | 162.36                    | 24.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 37.95                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 14.61                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 32.47                     |                         |
| 05 12 23 00-0204 | LF  |     | W10 x 60 A992/A36 Structural Column .....           | 142.39                    | 23.44                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 32.59                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 12.82                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 28.48                     |                         |
| 05 12 23 00-0205 | LF  |     | W10 x 54 A992/A36 Structural Column .....           | 141.43                    | 23.06                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 32.39                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 12.73                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 28.29                     |                         |
| 05 12 23 00-0206 | LF  |     | W10 x 49 A992/A36 Structural Column .....           | 124.13                    | 22.69                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 27.76                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 11.17                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 24.83                     |                         |
| 05 12 23 00-0207 | LF  |     | W10 x 45 A992/A36 Structural Column .....           | 119.79                    | 22.30                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 26.63                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 10.78                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 23.96                     |                         |
| 05 12 23 00-0208 | LF  |     | W10 x 39 A992/A36 Structural Column .....           | 104.20                    | 21.92                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 22.45                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 9.38                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 20.84                     |                         |
| 05 12 23 00-0209 | LF  |     | W10 x 33 A992/A36 Structural Column .....           | 90.81                     | 21.29                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 18.90                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 8.17                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 18.16                     |                         |
| 05 12 23 00-0210 | LF  |     | W8 x 67 A992/A36 Structural Column .....            | 156.33                    | 24.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 36.28                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 14.07                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 31.27                     |                         |
| 05 12 23 00-0211 | LF  |     | W8 x 58 A992/A36 Structural Column .....            | 140.32                    | 23.31                   |
|                  |     |     | For Hot Dip Galvanizing, Add                        | 32.05                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add      | 12.63                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add | 28.06                     |                         |





|  |                          |           |    |
|--|--------------------------|-----------|----|
|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT UNIT COST                                          | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------|
| 05 12 23 00-0212 | LF  |     | W8 x 48 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 125.53<br>28.16<br>11.30<br>25.11                               | 22.69                |
| 05 12 23 00-0213 | LF  |     | W8 x 40 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 107.70<br>23.38<br>9.69<br>21.54                                | 22.05                |
| 05 12 23 00-0214 | LF  |     | W8 x 35 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 97.26<br>20.62<br>8.75<br>19.45                                 | 21.54                |
| 05 12 23 00-0215 | LF  |     | W8 x 31 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 88.85<br>18.36<br>8.00<br>17.77                                 | 21.29                |
| 05 12 23 00-0216 | LF  |     | W8 x 28 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 83.63<br>16.98<br>7.53<br>16.73                                 | 21.04                |
| 05 12 23 00-0217 | LF  |     | W8 x 24 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 77.35<br>15.31<br>6.96<br>15.47                                 | 20.79                |
| 05 12 23 00-0218 | LF  |     | W8 x 21 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 73.18<br>14.22<br>6.59<br>14.64                                 | 20.65                |
| 05 12 23 00-0219 | LF  |     | W8 x 18 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 65.31<br>12.11<br>5.88<br>13.06                                 | 20.27                |
| 05 12 23 00-0220 | LF  |     | W6 x 25 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 81.24<br>16.39<br>7.31<br>16.25                                 | 20.79                |
| 05 12 23 00-0221 | LF  |     | W6 x 20 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 68.63<br>13.00<br>6.18<br>13.73                                 | 20.40                |
| 05 12 23 00-0222 | LF  |     | W6 x 15 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 58.77<br>10.44<br>5.29<br>11.75                                 | 19.76                |
| 05 12 23 00-0223 | LF  |     | W6 x 12 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 55.04<br>9.40<br>4.95<br>11.01                                  | 19.76                |
| 05 12 23 00-0224 | LF  |     | W6 x 9 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                     | 50.31<br>8.12<br>4.53<br>10.06                                  | 19.64                |
| 05 12 23 00-0225 | LF  |     | W5 x 19 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 67.57<br>12.70<br>6.08<br>13.51                                 | 20.40                |
| 05 12 23 00-0226 | LF  |     | W5 x 16 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 62.16<br>11.27<br>5.59<br>12.43                                 | 20.27                |
| 05 12 23 00-0227 | LF  |     | W4 x 13 A992/A36 Structural Column .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                                                                                                                    | 58.19<br>10.24<br>5.24<br>11.64                                 | 20.02                |
| 05 12 23 00-0228 |     |     | <b>A992/A36 Structural Steel Beams And Girders, W Shapes</b> (05 12 23 00-0147)<br>Note: Includes material delivery and erection.                                                                                                                                                                                                                      |                                                                 |                      |
| 05 12 23 00-0229 | LF  |     | W36 x 300 A992/A36 Structural Beam Or Girder .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Steel, Add .....<br>For Each Additional Top Copes >2, Add .....<br>For Structural Tees, WT, MT Or ST, Deduct .....<br>For Skewed Or Sloped Connections, Add ..... | 591.41<br>139.76<br>53.23<br>118.28<br>5.04<br>-193.83<br>70.97 | 82.28                |
| 05 12 23 00-0230 | LF  |     | W36 x 280 A992/A36 Structural Beam Or Girder .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Steel, Add .....<br>For Each Additional Top Copes >2, Add .....<br>For Structural Tees, WT, MT Or ST, Deduct .....<br>For Skewed Or Sloped Connections, Add ..... | 571.44<br>130.44<br>51.43<br>114.29<br>4.70<br>-184.80<br>68.57 | 95.03                |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI UOM DESCRIPTION                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0231 LF W36 x 260 A992/A36 Structural Beam Or Girder ..... | 540.95                    | 93.90                   |
| For Hot Dip Galvanizing, Add                                           | 122.34                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 48.69                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 108.19                    |                         |
| For Each Additional Top Copes >2, Add                                  | 4.41                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -174.32                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 64.91                     |                         |
| 05 12 23 00-0232 LF W36 x 240 A992/A36 Structural Beam Or Girder ..... | 503.26                    | 79.30                   |
| For Hot Dip Galvanizing, Add                                           | 116.18                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 45.29                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 100.65                    |                         |
| For Each Additional Top Copes >2, Add                                  | 4.19                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -163.45                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 60.39                     |                         |
| 05 12 23 00-0233 LF W36 x 230 A992/A36 Structural Beam Or Girder ..... | 487.00                    | 80.43                   |
| For Hot Dip Galvanizing, Add                                           | 111.34                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 43.83                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 97.40                     |                         |
| For Each Additional Top Copes >2, Add                                  | 4.01                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -157.58                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 58.44                     |                         |
| 05 12 23 00-0234 LF W36 x 210 A992/A36 Structural Beam Or Girder ..... | 463.26                    | 90.86                   |
| For Hot Dip Galvanizing, Add                                           | 101.66                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 41.69                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 92.65                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.66                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -147.60                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 55.59                     |                         |
| 05 12 23 00-0235 LF W36 x 194 A992/A36 Structural Beam Or Girder ..... | 435.86                    | 76.92                   |
| For Hot Dip Galvanizing, Add                                           | 98.19                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 39.23                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 87.17                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.54                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -140.25                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 52.30                     |                         |
| 05 12 23 00-0236 LF W36 x 182 A992/A36 Structural Beam Or Girder ..... | 413.37                    | 76.36                   |
| For Hot Dip Galvanizing, Add                                           | 92.11                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 37.20                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 82.67                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.32                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -132.46                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 49.60                     |                         |
| 05 12 23 00-0237 LF W36 x 170 A992/A36 Structural Beam Or Girder ..... | 390.56                    | 75.48                   |
| For Hot Dip Galvanizing, Add                                           | 86.04                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 35.15                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 78.11                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.10                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -124.62                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 46.87                     |                         |
| 05 12 23 00-0238 LF W36 x 160 A992/A36 Structural Beam Or Girder ..... | 385.58                    | 87.94                   |
| For Hot Dip Galvanizing, Add                                           | 80.98                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 34.70                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 77.12                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.92                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -120.89                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 46.27                     |                         |
| 05 12 23 00-0239 LF W36 x 150 A992/A36 Structural Beam Or Girder ..... | 369.65                    | 87.31                   |
| For Hot Dip Galvanizing, Add                                           | 76.73                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 33.27                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 73.93                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.77                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -115.41                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 44.36                     |                         |
| 05 12 23 00-0240 LF W36 x 135 A992/A36 Structural Beam Or Girder ..... | 347.39                    | 86.55                   |
| For Hot Dip Galvanizing, Add                                           | 70.80                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 31.27                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 69.48                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.55                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -107.75                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 41.69                     |                         |
| 05 12 23 00-0241 LF W33 x 241 A992/A36 Structural Beam Or Girder ..... | 509.55                    | 81.80                   |
| For Hot Dip Galvanizing, Add                                           | 117.19                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 45.86                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 101.91                    |                         |
| For Each Additional Top Copes >2, Add                                  | 4.22                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -165.26                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 61.15                     |                         |
| 05 12 23 00-0242 LF W33 x 221 A992/A36 Structural Beam Or Girder ..... | 472.37                    | 79.79                   |
| For Hot Dip Galvanizing, Add                                           | 107.46                    |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 42.51                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 94.47                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.87                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -152.56                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 56.68                     |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0243 | LF  |     | W33 x 201 A992/A36 Structural Beam Or Girder ..... | 448.52                 | 90.22                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 97.74                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 40.37                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 89.70                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 3.52                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -142.54                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 53.82                  |                      |
| 05 12 23 00-0244 | LF  |     | W33 x 170 A992/A36 Structural Beam Or Girder ..... | 402.69                 | 88.57                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 85.55                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 36.24                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 80.54                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 3.08                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -126.78                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 48.32                  |                      |
| 05 12 23 00-0245 | LF  |     | W33 x 152 A992/A36 Structural Beam Or Girder ..... | 365.24                 | 75.24                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 79.08                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 32.87                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 73.05                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.85                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -115.80                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 43.83                  |                      |
| 05 12 23 00-0246 | LF  |     | W33 x 141 A992/A36 Structural Beam Or Girder ..... | 356.99                 | 86.80                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 73.36                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 32.13                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 71.40                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.64                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -111.05                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 42.84                  |                      |
| 05 12 23 00-0247 | LF  |     | W33 x 130 A992/A36 Structural Beam Or Girder ..... | 338.97                 | 86.17                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 68.57                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 30.51                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 67.79                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.47                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -104.86                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 40.68                  |                      |
| 05 12 23 00-0248 | LF  |     | W33 x 118 A992/A36 Structural Beam Or Girder ..... | 318.01                 | 85.41                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 62.96                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 28.62                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 63.60                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.27                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -97.64                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 38.16                  |                      |
| 05 12 23 00-0249 | LF  |     | W30 x 211 A992/A36 Structural Beam Or Girder ..... | 452.81                 | 79.64                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 102.08                 |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 40.75                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 90.56                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 3.68                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -145.74                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 54.34                  |                      |
| 05 12 23 00-0250 | LF  |     | W30 x 191 A992/A36 Structural Beam Or Girder ..... | 428.66                 | 89.58                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 92.40                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 38.58                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 85.73                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 3.33                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -135.68                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 51.44                  |                      |
| 05 12 23 00-0251 | LF  |     | W30 x 173 A992/A36 Structural Beam Or Girder ..... | 391.91                 | 76.00                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 86.26                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 35.27                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 78.38                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 3.11                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -125.01                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 47.03                  |                      |
| 05 12 23 00-0252 | LF  |     | W30 x 154 A992/A36 Structural Beam Or Girder ..... | 369.97                 | 87.43                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 76.79                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 33.30                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 73.99                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.77                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -115.50                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 44.40                  |                      |
| 05 12 23 00-0253 | LF  |     | W30 x 132 A992/A36 Structural Beam Or Girder ..... | 329.05                 | 73.33                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 69.61                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 29.61                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 65.81                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.51                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -103.43                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 39.49                  |                      |
| 05 12 23 00-0254 | LF  |     | W30 x 124 A992/A36 Structural Beam Or Girder ..... | 313.80                 | 73.28                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 65.39                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 28.24                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 62.76                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.36                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -98.10                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 37.66                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI UOM DESCRIPTION                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0255 LF W30 x 116 A992/A36 Structural Beam Or Girder ..... | 311.41                    | 85.28                   |
| For Hot Dip Galvanizing, Add                                           | 61.17                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 28.03                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 62.28                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.20                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -95.35                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 37.37                     |                         |
| 05 12 23 00-0256 LF W30 x 108 A992/A36 Structural Beam Or Girder ..... | 288.17                    | 76.79                   |
| For Hot Dip Galvanizing, Add                                           | 57.25                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 25.94                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 57.63                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.06                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -88.58                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 34.58                     |                         |
| 05 12 23 00-0257 LF W30 x 99 A992/A36 Structural Beam Or Girder .....  | 275.30                    | 76.41                   |
| For Hot Dip Galvanizing, Add                                           | 53.82                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 24.78                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 55.06                     |                         |
| For Each Additional Top Copes >2, Add                                  | 1.94                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -84.15                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 33.04                     |                         |
| 05 12 23 00-0258 LF W27 x 178 A992/A36 Structural Beam Or Girder ..... | 435.44                    | 88.99                   |
| For Hot Dip Galvanizing, Add                                           | 94.49                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 39.19                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 87.09                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.41                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -138.17                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 52.25                     |                         |
| 05 12 23 00-0259 LF W27 x 161 A992/A36 Structural Beam Or Girder ..... | 399.34                    | 85.63                   |
| For Hot Dip Galvanizing, Add                                           | 85.47                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 35.94                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 79.87                     |                         |
| For Each Additional Top Copes >2, Add                                  | 3.08                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -126.07                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 47.92                     |                         |
| 05 12 23 00-0260 LF W27 x 146 A992/A36 Structural Beam Or Girder ..... | 367.41                    | 82.60                   |
| For Hot Dip Galvanizing, Add                                           | 77.51                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 33.07                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 73.48                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.79                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -115.38                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 44.09                     |                         |
| 05 12 23 00-0261 LF W27 x 114 A992/A36 Structural Beam Or Girder ..... | 291.28                    | 68.62                   |
| For Hot Dip Galvanizing, Add                                           | 60.52                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 26.22                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 58.26                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.18                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -90.97                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 34.95                     |                         |
| 05 12 23 00-0262 LF W27 x 102 A992/A36 Structural Beam Or Girder ..... | 276.60                    | 76.41                   |
| For Hot Dip Galvanizing, Add                                           | 54.15                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 24.89                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 55.32                     |                         |
| For Each Additional Top Copes >2, Add                                  | 1.95                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -84.59                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 33.19                     |                         |
| 05 12 23 00-0263 LF W27 x 94 A992/A36 Structural Beam Or Girder .....  | 264.53                    | 75.90                   |
| For Hot Dip Galvanizing, Add                                           | 50.94                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 23.81                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 52.91                     |                         |
| For Each Additional Top Copes >2, Add                                  | 1.84                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -80.44                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 31.74                     |                         |
| 05 12 23 00-0264 LF W27 x 84 A992/A36 Structural Beam Or Girder .....  | 249.78                    | 75.40                   |
| For Hot Dip Galvanizing, Add                                           | 47.02                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 22.48                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 49.96                     |                         |
| For Each Additional Top Copes >2, Add                                  | 1.69                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -75.37                    |                         |
| For Skewed Or Sloped Connections, Add                                  | 29.97                     |                         |
| 05 12 23 00-0265 LF W24 x 162 A992/A36 Structural Beam Or Girder ..... | 384.65                    | 82.10                   |
| For Hot Dip Galvanizing, Add                                           | 82.44                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 34.62                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 76.93                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.97                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -121.49                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 46.16                     |                         |
| 05 12 23 00-0266 LF W24 x 146 A992/A36 Structural Beam Or Girder ..... | 351.70                    | 78.70                   |
| For Hot Dip Galvanizing, Add                                           | 74.30                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                         | 31.65                     |                         |
| For High Strength Low Alloy A588 Steel, Add                            | 70.34                     |                         |
| For Each Additional Top Copes >2, Add                                  | 2.68                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                              | -110.50                   |                         |
| For Skewed Or Sloped Connections, Add                                  | 42.20                     |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0267 | LF  |     | W24 x 131 A992/A36 Structural Beam Or Girder ..... | 320.36                 | 75.13                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 66.66                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 28.63                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 64.07                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.40                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -100.11                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 38.44                  |                      |
| 05 12 23 00-0268 | LF  |     | W24 x 117 A992/A36 Structural Beam Or Girder ..... | 290.69                 | 71.38                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 59.54                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 26.16                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 58.14                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.15                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -90.32                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 34.88                  |                      |
| 05 12 23 00-0269 | LF  |     | W24 x 104 A992/A36 Structural Beam Or Girder ..... | 262.71                 | 67.50                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 52.92                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 23.64                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 52.54                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.91                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -81.15                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 31.53                  |                      |
| 05 12 23 00-0270 | LF  |     | W24 x 94 A992/A36 Structural Beam Or Girder .....  | 253.35                 | 75.90                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 47.84                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 22.80                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 50.67                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.72                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -76.53                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 30.40                  |                      |
| 05 12 23 00-0271 | LF  |     | W24 x 84 A992/A36 Structural Beam Or Girder .....  | 231.09                 | 67.28                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 44.19                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 20.80                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 46.22                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.59                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -70.10                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 27.73                  |                      |
| 05 12 23 00-0272 | LF  |     | W24 x 76 A992/A36 Structural Beam Or Girder .....  | 219.78                 | 66.78                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 41.19                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 19.78                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 43.96                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.48                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -66.22                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 26.37                  |                      |
| 05 12 23 00-0273 | LF  |     | W24 x 68 A992/A36 Structural Beam Or Girder .....  | 205.57                 | 66.40                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 37.39                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 18.50                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 41.11                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.35                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -61.32                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 24.67                  |                      |
| 05 12 23 00-0274 | LF  |     | W24 x 62 A992/A36 Structural Beam Or Girder .....  | 198.13                 | 66.02                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 35.43                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 17.63                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 39.63                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.28                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -58.78                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 23.78                  |                      |
| 05 12 23 00-0275 | LF  |     | W24 x 55 A992/A36 Structural Beam Or Girder .....  | 187.93                 | 65.76                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 32.71                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 16.91                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 37.59                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.18                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -55.27                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 22.55                  |                      |
| 05 12 23 00-0276 | LF  |     | W21 x 147 A992/A36 Structural Beam Or Girder ..... | 336.73                 | 67.51                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 73.46                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 30.31                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 67.35                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.65                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -107.05                |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 40.41                  |                      |
| 05 12 23 00-0277 | LF  |     | W21 x 132 A992/A36 Structural Beam Or Girder ..... | 306.51                 | 64.50                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 65.96                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 27.59                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 61.30                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.38                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -96.96                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 36.78                  |                      |
| 05 12 23 00-0278 | LF  |     | W21 x 122 A992/A36 Structural Beam Or Girder ..... | 287.34                 | 63.42                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 60.97                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 25.86                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 57.47                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 2.20                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -90.42                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 34.48                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM                | DESCRIPTION                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------|------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0279 | LF  | W21 x 111 A992/A36 | Structural Beam Or Girder .....                | 265.37                    | 61.38                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 55.47                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 23.88                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 53.07                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 2.00                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -83.06                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 31.84                     |                         |
| 05 12 23 00-0280 | LF  | W21 x 101 A992/A36 | Structural Beam Or Girder .....                | 245.25                    | 59.42                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 50.47                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 22.07                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 49.05                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.82                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -76.33                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 29.43                     |                         |
| 05 12 23 00-0281 | LF  | W21 x 93 A992/A36  | Structural Beam Or Girder .....                | 240.09                    | 68.05                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 46.48                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 21.61                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 48.02                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.67                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -73.14                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 28.81                     |                         |
| 05 12 23 00-0282 | LF  | W21 x 83 A992/A36  | Structural Beam Or Girder .....                | 226.78                    | 67.28                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 42.99                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 20.41                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 45.36                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.55                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -68.60                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 27.21                     |                         |
| 05 12 23 00-0283 | LF  | W21 x 73 A992/A36  | Structural Beam Or Girder .....                | 210.45                    | 66.78                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 38.64                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 18.94                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 42.09                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.39                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -62.98                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 25.25                     |                         |
| 05 12 23 00-0284 | LF  | W21 x 68 A992/A36  | Structural Beam Or Girder .....                | 202.23                    | 66.40                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 36.46                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 18.20                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 40.45                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.31                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -60.15                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 24.27                     |                         |
| 05 12 23 00-0285 | LF  | W21 x 62 A992/A36  | Structural Beam Or Girder .....                | 194.79                    | 66.02                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 34.50                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 17.53                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 38.96                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.24                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -57.61                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 23.37                     |                         |
| 05 12 23 00-0286 | LF  | W21 x 57 A992/A36  | Structural Beam Or Girder .....                | 188.06                    | 65.90                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 32.71                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 16.93                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 37.61                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.18                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -55.29                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 22.57                     |                         |
| 05 12 23 00-0287 | LF  | W21 x 50 A992/A36  | Structural Beam Or Girder .....                | 166.77                    | 57.15                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 29.33                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 15.01                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 33.35                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.06                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -49.21                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 20.01                     |                         |
| 05 12 23 00-0288 | LF  | W21 x 44 A992/A36  | Structural Beam Or Girder .....                | 158.95                    | 56.90                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 27.26                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 14.31                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 31.79                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 0.98                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -46.53                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 19.07                     |                         |
| 05 12 23 00-0289 | LF  | W18 x 119 A992/A36 | Structural Beam Or Girder .....                | 279.37                    | 63.20                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 58.82                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 25.14                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 55.87                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 2.12                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -87.67                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 33.52                     |                         |
| 05 12 23 00-0290 | LF  | W18 x 106 A992/A36 | Structural Beam Or Girder .....                | 252.68                    | 59.89                   |
|                  |     |                    | For Hot Dip Galvanizing, Add                   | 52.39                     |                         |
|                  |     |                    | For High Strength Low Alloy A572-50 Steel, Add | 22.74                     |                         |
|                  |     |                    | For High Strength Low Alloy A588 Steel, Add    | 50.54                     |                         |
|                  |     |                    | For Each Additional Top Copes >2, Add          | 1.89                      |                         |
|                  |     |                    | For Structural Tees, WT, MT Or ST, Deduct      | -78.86                    |                         |
|                  |     |                    | For Skewed Or Sloped Connections, Add          | 30.32                     |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0291 | LF  |     | W18 x 97 A992/A36 Structural Beam Or Girder .....  | 245.51                 | 68.05                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 47.94                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 22.10                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 49.10                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.73                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -75.02                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 29.46                  |                      |
| 05 12 23 00-0292 | LF  |     | W18 x 86 A992/A36 Structural Beam Or Girder .....  | 230.23                 | 67.41                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 43.92                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 20.72                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 46.05                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.58                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -69.79                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 27.63                  |                      |
| 05 12 23 00-0293 | LF  |     | W18 x 76 A992/A36 Structural Beam Or Girder .....  | 216.45                 | 66.78                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 40.27                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 19.48                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 43.29                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.45                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -65.06                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 25.97                  |                      |
| 05 12 23 00-0294 | LF  |     | W18 x 71 A992/A36 Structural Beam Or Girder .....  | 206.41                 | 66.65                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 37.55                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 18.58                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 41.28                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.35                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -61.58                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 24.77                  |                      |
| 05 12 23 00-0295 | LF  |     | W18 x 65 A992/A36 Structural Beam Or Girder .....  | 196.61                 | 66.40                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 34.94                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 17.69                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 39.32                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.26                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -58.21                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 23.59                  |                      |
| 05 12 23 00-0296 | LF  |     | W18 x 60 A992/A36 Structural Beam Or Girder .....  | 187.79                 | 65.90                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 32.60                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 16.90                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 37.56                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.17                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -55.18                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 22.53                  |                      |
| 05 12 23 00-0297 | LF  |     | W18 x 55 A992/A36 Structural Beam Or Girder .....  | 178.91                 | 65.76                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 30.20                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 16.10                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 35.78                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.09                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -52.11                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 21.47                  |                      |
| 05 12 23 00-0298 | LF  |     | W18 x 50 A992/A36 Structural Beam Or Girder .....  | 161.28                 | 57.15                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 27.81                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 14.52                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 32.26                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.00                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -47.29                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 19.35                  |                      |
| 05 12 23 00-0299 | LF  |     | W18 x 46 A992/A36 Structural Beam Or Girder .....  | 154.36                 | 57.02                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 25.96                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 13.89                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 30.87                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 0.94                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -44.90                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 18.52                  |                      |
| 05 12 23 00-0300 | LF  |     | W18 x 40 A992/A36 Structural Beam Or Girder .....  | 135.10                 | 48.66                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 23.07                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 12.16                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 27.02                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 0.83                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -39.49                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 16.21                  |                      |
| 05 12 23 00-0301 | LF  |     | W18 x 35 A992/A36 Structural Beam Or Girder .....  | 126.42                 | 48.53                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 20.73                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 11.38                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 25.28                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 0.75                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -36.49                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 15.17                  |                      |
| 05 12 23 00-0302 | LF  |     | W16 x 100 A992/A36 Structural Beam Or Girder ..... | 232.85                 | 44.22                |
|                  |     |     | For Hot Dip Galvanizing, Add                       | 51.54                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add     | 20.96                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add        | 46.57                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add              | 1.86                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct          | -74.43                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add              | 27.94                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0303 | LF  |     | W16 x 89 A992/A36 Structural Beam Or Girder ..... | 213.26                    | 43.46                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 46.31                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 19.19                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 42.65                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.67                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -67.69                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 25.59                     |                         |
| 05 12 23 00-0304 | LF  |     | W16 x 77 A992/A36 Structural Beam Or Girder ..... | 192.24                    | 42.96                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 40.65                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 17.30                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 38.45                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.46                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -60.42                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 23.07                     |                         |
| 05 12 23 00-0305 | LF  |     | W16 x 67 A992/A36 Structural Beam Or Girder ..... | 174.35                    | 42.32                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 35.86                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 15.69                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 34.87                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.29                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -54.26                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 20.92                     |                         |
| 05 12 23 00-0306 | LF  |     | W16 x 57 A992/A36 Structural Beam Or Girder ..... | 156.64                    | 41.69                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 31.13                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 14.10                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 31.33                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.12                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -48.15                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 18.80                     |                         |
| 05 12 23 00-0307 | LF  |     | W16 x 50 A992/A36 Structural Beam Or Girder ..... | 144.31                    | 41.31                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 27.81                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 12.99                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 28.86                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.00                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -43.89                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 17.32                     |                         |
| 05 12 23 00-0308 | LF  |     | W16 x 45 A992/A36 Structural Beam Or Girder ..... | 135.63                    | 41.06                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 25.47                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 12.21                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 27.13                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.92                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -40.89                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 16.28                     |                         |
| 05 12 23 00-0309 | LF  |     | W16 x 40 A992/A36 Structural Beam Or Girder ..... | 126.61                    | 40.67                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 23.07                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 11.39                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 25.32                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.83                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -37.79                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 15.19                     |                         |
| 05 12 23 00-0310 | LF  |     | W16 x 36 A992/A36 Structural Beam Or Girder ..... | 119.56                    | 40.42                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 21.22                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 10.76                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 23.91                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.76                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -35.38                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 14.35                     |                         |
| 05 12 23 00-0311 | LF  |     | W16 x 31 A992/A36 Structural Beam Or Girder ..... | 102.19                    | 32.19                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 18.83                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.20                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 20.44                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.68                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -30.62                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.26                     |                         |
| 05 12 23 00-0312 | LF  |     | W16 x 26 A992/A36 Structural Beam Or Girder ..... | 90.85                     | 31.81                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 15.79                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.18                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 18.17                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.57                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -26.70                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 10.90                     |                         |
| 05 12 23 00-0313 | LF  |     | W14 x 99 A992/A36 Structural Beam Or Girder ..... | 222.60                    | 36.24                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 51.05                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 20.03                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 44.52                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.84                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -72.11                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 26.71                     |                         |
| 05 12 23 00-0314 | LF  |     | W14 x 90 A992/A36 Structural Beam Or Girder ..... | 206.66                    | 35.61                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 46.80                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 18.60                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 41.33                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.69                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -66.63                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 24.80                     |                         |





|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0315 | LF  |     | W14 x 82 A992/A36 Structural Beam Or Girder ..... | 192.44                    | 35.22                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 42.99                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 17.32                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 38.49                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.55                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -61.73                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 23.09                     |                         |
| 05 12 23 00-0316 | LF  |     | W14 x 74 A992/A36 Structural Beam Or Girder ..... | 178.21                    | 34.72                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 39.18                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 16.04                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 35.64                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.41                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -56.82                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 21.39                     |                         |
| 05 12 23 00-0317 | LF  |     | W14 x 68 A992/A36 Structural Beam Or Girder ..... | 167.62                    | 34.34                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 36.35                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 15.09                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 33.52                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.31                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -53.17                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 20.11                     |                         |
| 05 12 23 00-0318 | LF  |     | W14 x 61 A992/A36 Structural Beam Or Girder ..... | 155.28                    | 33.96                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 33.03                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 13.98                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 31.06                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.19                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -48.91                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 18.63                     |                         |
| 05 12 23 00-0319 | LF  |     | W14 x 53 A992/A36 Structural Beam Or Girder ..... | 141.25                    | 33.45                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 29.28                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 12.71                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 28.25                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.06                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -44.08                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 16.95                     |                         |
| 05 12 23 00-0320 | LF  |     | W14 x 48 A992/A36 Structural Beam Or Girder ..... | 132.23                    | 33.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 26.88                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 11.90                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 26.45                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.97                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -40.98                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 15.87                     |                         |
| 05 12 23 00-0321 | LF  |     | W14 x 43 A992/A36 Structural Beam Or Girder ..... | 123.35                    | 32.95                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 24.49                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 11.10                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 24.67                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.88                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -37.91                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 14.80                     |                         |
| 05 12 23 00-0322 | LF  |     | W14 x 38 A992/A36 Structural Beam Or Girder ..... | 114.54                    | 32.70                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 22.15                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 10.31                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 22.91                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.80                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -34.88                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 13.74                     |                         |
| 05 12 23 00-0323 | LF  |     | W14 x 34 A992/A36 Structural Beam Or Girder ..... | 107.41                    | 32.31                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 20.24                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.67                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 21.48                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.73                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -32.42                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.89                     |                         |
| 05 12 23 00-0324 | LF  |     | W14 x 30 A992/A36 Structural Beam Or Girder ..... | 100.30                    | 32.19                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 18.34                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.03                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 20.06                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.66                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -29.97                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.04                     |                         |
| 05 12 23 00-0325 | LF  |     | W14 x 26 A992/A36 Structural Beam Or Girder ..... | 93.18                     | 31.81                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 16.43                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.39                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 18.64                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.59                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -27.52                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 11.18                     |                         |
| 05 12 23 00-0326 | LF  |     | W14 x 22 A992/A36 Structural Beam Or Girder ..... | 86.27                     | 31.67                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 14.59                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 7.76                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 17.25                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.53                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -25.14                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 10.35                     |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI UOM DESCRIPTION                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0327 LF W12 x 87 A992/A36 Structural Beam Or Girder ..... | 201.45                    | 35.48                   |
| For Hot Dip Galvanizing, Add                                          | 45.39                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 18.13                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 40.29                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.64                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -64.82                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 24.17                     |                         |
| 05 12 23 00-0328 LF W12 x 79 A992/A36 Structural Beam Or Girder ..... | 187.21                    | 34.97                   |
| For Hot Dip Galvanizing, Add                                          | 41.58                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 16.85                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 37.44                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.50                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -59.92                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 22.47                     |                         |
| 05 12 23 00-0329 LF W12 x 72 A992/A36 Structural Beam Or Girder ..... | 174.73                    | 34.60                   |
| For Hot Dip Galvanizing, Add                                          | 38.26                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 15.73                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 34.95                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.38                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -55.63                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 20.97                     |                         |
| 05 12 23 00-0330 LF W12 x 65 A992/A36 Structural Beam Or Girder ..... | 162.40                    | 34.21                   |
| For Hot Dip Galvanizing, Add                                          | 34.94                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 14.62                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 32.48                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.26                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -51.37                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 19.49                     |                         |
| 05 12 23 00-0331 LF W12 x 58 A992/A36 Structural Beam Or Girder ..... | 149.93                    | 33.71                   |
| For Hot Dip Galvanizing, Add                                          | 31.62                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 13.49                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 29.99                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.14                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -47.08                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 17.99                     |                         |
| 05 12 23 00-0332 LF W12 x 53 A992/A36 Structural Beam Or Girder ..... | 141.25                    | 33.45                   |
| For Hot Dip Galvanizing, Add                                          | 29.28                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 12.71                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 28.25                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.06                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -44.08                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 16.95                     |                         |
| 05 12 23 00-0333 LF W12 x 50 A992/A36 Structural Beam Or Girder ..... | 135.69                    | 33.32                   |
| For Hot Dip Galvanizing, Add                                          | 27.81                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 12.21                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 27.14                     |                         |
| For Each Additional Top Copes >2, Add                                 | 1.00                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -42.17                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 16.28                     |                         |
| 05 12 23 00-0334 LF W12 x 45 A992/A36 Structural Beam Or Girder ..... | 127.00                    | 33.07                   |
| For Hot Dip Galvanizing, Add                                          | 25.47                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 11.43                     |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 25.40                     |                         |
| For Each Additional Top Copes >2, Add                                 | 0.92                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -39.17                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 15.24                     |                         |
| 05 12 23 00-0335 LF W12 x 40 A992/A36 Structural Beam Or Girder ..... | 109.37                    | 24.59                   |
| For Hot Dip Galvanizing, Add                                          | 23.07                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 9.84                      |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 21.87                     |                         |
| For Each Additional Top Copes >2, Add                                 | 0.83                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -34.35                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 13.12                     |                         |
| 05 12 23 00-0336 LF W12 x 35 A992/A36 Structural Beam Or Girder ..... | 100.69                    | 24.46                   |
| For Hot Dip Galvanizing, Add                                          | 20.73                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 9.06                      |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 20.14                     |                         |
| For Each Additional Top Copes >2, Add                                 | 0.75                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -31.35                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 12.08                     |                         |
| 05 12 23 00-0337 LF W12 x 30 A992/A36 Structural Beam Or Girder ..... | 91.69                     | 24.07                   |
| For Hot Dip Galvanizing, Add                                          | 18.34                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 8.25                      |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 18.34                     |                         |
| For Each Additional Top Copes >2, Add                                 | 0.66                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -28.25                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 11.00                     |                         |
| 05 12 23 00-0338 LF W12 x 26 A992/A36 Structural Beam Or Girder ..... | 84.57                     | 23.82                   |
| For Hot Dip Galvanizing, Add                                          | 16.43                     |                         |
| For High Strength Low Alloy A572-50 Steel, Add                        | 7.61                      |                         |
| For High Strength Low Alloy A588 Steel, Add                           | 16.91                     |                         |
| For Each Additional Top Copes >2, Add                                 | 0.59                      |                         |
| For Structural Tees, WT, MT Or ST, Deduct                             | -25.80                    |                         |
| For Skewed Or Sloped Connections, Add                                 | 10.15                     |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0339 | LF  |     | W12 x 22 A992/A36 Structural Beam Or Girder ..... | 77.65                  | 23.57                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 14.59                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.99                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 15.53                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.53                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -23.41                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 9.32                   |                      |
| 05 12 23 00-0340 | LF  |     | W12 x 19 A992/A36 Structural Beam Or Girder ..... | 72.22                  | 23.44                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 13.11                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.50                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 14.44                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.47                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -21.53                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 8.67                   |                      |
| 05 12 23 00-0341 | LF  |     | W12 x 16 A992/A36 Structural Beam Or Girder ..... | 66.87                  | 23.06                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 11.70                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.02                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 13.37                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.42                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -19.70                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 8.02                   |                      |
| 05 12 23 00-0342 | LF  |     | W12 x 14 A992/A36 Structural Beam Or Girder ..... | 63.42                  | 23.06                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 10.78                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 5.71                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 12.68                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.39                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -18.51                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 7.61                   |                      |
| 05 12 23 00-0343 | LF  |     | W10 x 68 A992/A36 Structural Beam Or Girder ..... | 159.53                 | 26.49                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 36.46                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 14.36                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 31.91                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.31                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -51.61                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 19.14                  |                      |
| 05 12 23 00-0344 | LF  |     | W10 x 60 A992/A36 Structural Beam Or Girder ..... | 145.48                 | 25.97                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 32.71                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 13.09                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 29.10                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.18                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -46.78                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 17.46                  |                      |
| 05 12 23 00-0345 | LF  |     | W10 x 54 A992/A36 Structural Beam Or Girder ..... | 134.72                 | 25.47                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 29.82                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 12.12                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 26.94                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 1.07                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -43.06                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 16.17                  |                      |
| 05 12 23 00-0346 | LF  |     | W10 x 49 A992/A36 Structural Beam Or Girder ..... | 125.90                 | 25.21                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 27.48                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 11.33                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 25.18                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.99                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -40.04                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 15.11                  |                      |
| 05 12 23 00-0347 | LF  |     | W10 x 45 A992/A36 Structural Beam Or Girder ..... | 118.78                 | 25.09                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 25.58                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 10.69                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 23.76                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.92                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -37.58                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 14.25                  |                      |
| 05 12 23 00-0348 | LF  |     | W10 x 39 A992/A36 Structural Beam Or Girder ..... | 108.20                 | 24.59                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 22.75                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.74                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 21.64                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.82                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -33.94                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.98                  |                      |
| 05 12 23 00-0349 | LF  |     | W10 x 33 A992/A36 Structural Beam Or Girder ..... | 97.63                  | 24.20                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 19.92                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.79                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 19.53                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.72                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -30.29                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 11.72                  |                      |
| 05 12 23 00-0350 | LF  |     | W10 x 30 A992/A36 Structural Beam Or Girder ..... | 92.20                  | 24.07                |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 18.45                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.30                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 18.44                  |                      |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.66                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -28.41                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 11.06                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0351 | LF  |     | W10 x 26 A992/A36 Structural Beam Or Girder ..... | 85.28                     | 23.95                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 16.60                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 7.68                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 17.06                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.60                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -26.03                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 10.23                     |                         |
| 05 12 23 00-0352 | LF  |     | W10 x 22 A992/A36 Structural Beam Or Girder ..... | 78.04                     | 23.57                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 14.69                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 7.02                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 15.61                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.53                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -23.55                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 9.36                      |                         |
| 05 12 23 00-0353 | LF  |     | W10 x 19 A992/A36 Structural Beam Or Girder ..... | 72.81                     | 23.44                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 13.28                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.55                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 14.56                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.48                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -21.74                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 8.74                      |                         |
| 05 12 23 00-0354 | LF  |     | W10 x 17 A992/A36 Structural Beam Or Girder ..... | 69.16                     | 23.31                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 12.30                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.22                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 13.83                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.44                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -20.48                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 8.30                      |                         |
| 05 12 23 00-0355 | LF  |     | W10 x 15 A992/A36 Structural Beam Or Girder ..... | 65.70                     | 23.06                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 11.37                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 5.91                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 13.14                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.41                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -19.29                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 7.88                      |                         |
| 05 12 23 00-0356 | LF  |     | W10 x 12 A992/A36 Structural Beam Or Girder ..... | 60.48                     | 23.06                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 9.96                      |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 5.44                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 12.10                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.36                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -17.48                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 7.26                      |                         |
| 05 12 23 00-0357 | LF  |     | W8 x 35 A992/A36 Structural Beam Or Girder .....  | 101.08                    | 24.46                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 20.84                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.10                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 20.22                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.75                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -31.48                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.13                     |                         |
| 05 12 23 00-0358 | LF  |     | W8 x 31 A992/A36 Structural Beam Or Girder .....  | 93.97                     | 24.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 18.94                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.46                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 18.79                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.68                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -29.03                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 11.28                     |                         |
| 05 12 23 00-0359 | LF  |     | W8 x 28 A992/A36 Structural Beam Or Girder .....  | 100.50                    | 22.69                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 21.17                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 9.05                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 20.10                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.76                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -31.55                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 12.06                     |                         |
| 05 12 23 00-0360 | LF  |     | W8 x 24 A992/A36 Structural Beam Or Girder .....  | 91.44                     | 21.29                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 19.08                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 8.23                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 18.29                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.69                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -28.60                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 10.97                     |                         |
| 05 12 23 00-0361 | LF  |     | W8 x 21 A992/A36 Structural Beam Or Girder .....  | 85.06                     | 19.76                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 17.73                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 7.66                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 17.01                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.64                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -26.60                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 10.21                     |                         |
| 05 12 23 00-0362 | LF  |     | W8 x 18 A992/A36 Structural Beam Or Girder .....  | 74.05                     | 18.37                   |
|                  |     |     | For Hot Dip Galvanizing, Add                      | 15.10                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add    | 6.66                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add       | 14.81                     |                         |
|                  |     |     | For Each Additional Top Copes >2, Add             | 0.54                      |                         |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct         | -22.97                    |                         |
|                  |     |     | For Skewed Or Sloped Connections, Add             | 8.89                      |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0363 | LF  |     | W8 x 10 A992/A36 Structural Beam Or Girder .....       | 37.98                  | 13.18                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 6.67                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 3.42                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add            | 7.60                   |                      |
|                  |     |     | For Each Additional Top Copes >2, Add                  | 0.24                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct              | -11.20                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add                  | 4.56                   |                      |
| 05 12 23 00-0364 | LF  |     | W6 x 9 A992/A36 Structural Beam Or Girder .....        | 35.13                  | 10.77                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 6.59                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 3.16                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Steel, Add            | 7.03                   |                      |
|                  |     |     | For Each Additional Top Copes >2, Add                  | 0.24                   |                      |
|                  |     |     | For Structural Tees, WT, MT Or ST, Deduct              | -10.59                 |                      |
|                  |     |     | For Skewed Or Sloped Connections, Add                  | 4.22                   |                      |
| 05 12 23 00-0365 |     |     | A992/A36 Structural Steel, M Shapes (05 12 23 00-0147) |                        |                      |
|                  |     |     | Note: Includes material delivery and erection.         |                        |                      |
| 05 12 23 00-0366 | LF  |     | M14 x 18 A992/A36 Structural Steel .....               | 67.14                  | 16.65                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 13.71                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 6.04                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 13.43                  |                      |
| 05 12 23 00-0367 | LF  |     | M12 x 11.8 A992/A36 Structural Steel .....             | 48.08                  | 14.73                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 8.99                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 4.33                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 9.62                   |                      |
| 05 12 23 00-0368 | LF  |     | M10 x 9 A992/A36 Structural Steel .....                | 37.29                  | 11.82                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 6.85                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 3.36                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 7.46                   |                      |
| 05 12 23 00-0369 | LF  |     | M8 x 6.5 A992/A36 Structural Steel .....               | 26.93                  | 8.53                 |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 4.95                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 2.42                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 5.39                   |                      |
| 05 12 23 00-0370 | LF  |     | M6 x 20 A992/A36 Structural Steel .....                | 76.42                  | 20.40                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 15.23                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 6.88                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 15.28                  |                      |
| 05 12 23 00-0371 | LF  |     | M6 x 4.4 A992/A36 Structural Steel .....               | 18.22                  | 5.77                 |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 3.34                   |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 1.64                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 3.64                   |                      |
| 05 12 23 00-0372 | LF  |     | M5 x 18.9 A992/A36 Structural Steel .....              | 73.56                  | 20.40                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 14.36                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 6.62                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 14.71                  |                      |
| 05 12 23 00-0373 | LF  |     | M4 x 13 A992/A36 Structural Steel .....                | 60.31                  | 20.02                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 10.83                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 5.43                   |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 12.06                  |                      |
| 05 12 23 00-0374 |     |     | A992/A36 Structural Steel, S Shapes (05 12 23 00-0147) |                        |                      |
|                  |     |     | Note: Includes material delivery and erection.         |                        |                      |
| 05 12 23 00-0375 | LF  |     | S24 x 121 A992/A36 Structural Steel .....              | 404.38                 | 84.34                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 87.26                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 36.39                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 80.88                  |                      |
| 05 12 23 00-0376 | LF  |     | S24 x 106 A992/A36 Structural Steel .....              | 358.40                 | 77.78                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 76.45                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 32.26                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 71.68                  |                      |
| 05 12 23 00-0377 | LF  |     | S24 x 100 A992/A36 Structural Steel .....              | 342.23                 | 77.23                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 72.12                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 30.80                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 68.45                  |                      |
| 05 12 23 00-0378 | LF  |     | S24 x 90 A992/A36 Structural Steel .....               | 311.91                 | 73.16                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 64.91                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 28.07                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 62.38                  |                      |
| 05 12 23 00-0379 | LF  |     | S24 x 80 A992/A36 Structural Steel .....               | 280.89                 | 68.47                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 57.70                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 25.28                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 56.18                  |                      |
| 05 12 23 00-0380 | LF  |     | S20 x 96 A992/A36 Structural Steel .....               | 328.54                 | 74.14                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 69.23                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 29.57                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 65.71                  |                      |
| 05 12 23 00-0381 | LF  |     | S20 x 86 A992/A36 Structural Steel .....               | 298.04                 | 69.92                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 62.02                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 26.82                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 59.61                  |                      |
| 05 12 23 00-0382 | LF  |     | S20 x 75 A992/A36 Structural Steel .....               | 263.33                 | 64.19                |
|                  |     |     | For Hot Dip Galvanizing, Add                           | 54.09                  |                      |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add         | 23.70                  |                      |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add    | 52.67                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0383 | LF  |     | S20 x 66 A992/A36 Structural Steel .....                  | 234.90                    | 59.45                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 47.60                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 21.14                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 46.98                     |                         |
| 05 12 23 00-0384 | LF  |     | S18 x 70 A992/A36 Structural Steel .....                  | 249.15                    | 63.06                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 50.48                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 22.42                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 49.83                     |                         |
| 05 12 23 00-0385 | LF  |     | S18 x 54.7 A992/A36 Structural Steel .....                | 197.46                    | 51.86                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 39.45                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 17.77                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 39.49                     |                         |
| 05 12 23 00-0386 | LF  |     | S15 x 50 A992/A36 Structural Steel .....                  | 183.15                    | 49.91                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 36.06                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 16.48                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 36.63                     |                         |
| 05 12 23 00-0387 | LF  |     | S15 x 42.9 A992/A36 Structural Steel .....                | 159.55                    | 45.07                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 30.94                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 14.36                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 31.91                     |                         |
| 05 12 23 00-0388 | LF  |     | S12 x 50 A992/A36 Structural Steel .....                  | 180.49                    | 47.41                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 36.06                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 16.24                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 36.10                     |                         |
| 05 12 23 00-0389 | LF  |     | S12 x 40.8 A992/A36 Structural Steel .....                | 149.44                    | 40.73                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 29.42                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 13.45                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 29.89                     |                         |
| 05 12 23 00-0390 | LF  |     | S12 x 35 A992/A36 Structural Steel .....                  | 130.16                    | 36.77                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 25.24                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 11.71                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 26.03                     |                         |
| 05 12 23 00-0391 | LF  |     | S12 x 31.8 A992/A36 Structural Steel .....                | 120.14                    | 35.17                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 22.93                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 10.81                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 24.03                     |                         |
| 05 12 23 00-0392 | LF  |     | S10 x 35 A992/A36 Structural Steel .....                  | 132.23                    | 38.72                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 25.24                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 11.90                     |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 26.45                     |                         |
| 05 12 23 00-0393 | LF  |     | S10 x 25.4 A992/A36 Structural Steel .....                | 97.54                     | 29.57                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 18.32                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 8.78                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 19.51                     |                         |
| 05 12 23 00-0394 | LF  |     | S8 x 23 A992/A36 Structural Steel .....                   | 88.32                     | 26.77                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 16.59                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 7.95                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 17.66                     |                         |
| 05 12 23 00-0395 | LF  |     | S8 x 18.4 A992/A36 Structural Steel .....                 | 71.86                     | 22.55                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 13.27                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 6.47                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 14.37                     |                         |
| 05 12 23 00-0396 | LF  |     | S7 x 20 A992/A36 Structural Steel .....                   | 78.11                     | 24.51                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 14.42                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 7.03                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 15.62                     |                         |
| 05 12 23 00-0397 | LF  |     | S7 x 15.3 A992/A36 Structural Steel .....                 | 60.81                     | 19.74                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 11.03                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 5.47                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 12.16                     |                         |
| 05 12 23 00-0398 | LF  |     | S6 x 17.25 A992/A36 Structural Steel .....                | 67.65                     | 21.40                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 12.44                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 6.09                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 13.53                     |                         |
| 05 12 23 00-0399 | LF  |     | S6 x 12.5 A992/A36 Structural Steel .....                 | 57.93                     | 19.76                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 10.20                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 5.21                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 11.59                     |                         |
| 05 12 23 00-0400 | LF  |     | S5 x 14.75 A992/A36 Structural Steel .....                | 61.73                     | 20.15                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 11.19                     |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 5.56                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 12.35                     |                         |
| 05 12 23 00-0401 | LF  |     | S5 x 10 A992/A36 Structural Steel .....                   | 52.32                     | 19.64                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 8.68                      |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 4.71                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 10.46                     |                         |
| 05 12 23 00-0402 | LF  |     | S4 x 9.5 A992/A36 Structural Steel .....                  | 50.87                     | 19.64                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 8.28                      |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 4.58                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 10.17                     |                         |
| 05 12 23 00-0403 | LF  |     | S4 x 7.7 A992/A36 Structural Steel .....                  | 47.52                     | 19.64                   |
|                  |     |     | For Hot Dip Galvanizing, Add .....                        | 7.38                      |                         |
|                  |     |     | For High Strength Low Alloy A572-50 Steel, Add .....      | 4.28                      |                         |
|                  |     |     | For High Strength Low Alloy A588 Grade B Steel, Add ..... | 9.50                      |                         |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST         | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|
| 05 12 23 00-0404 | LF  |     | S3 x 7.5 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                       | 47.20<br>7.30<br>4.25<br>9.44     | 19.64                   |
| 05 12 23 00-0405 | LF  |     | S3 x 5.7 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                       | 43.21<br>6.22<br>3.89<br>8.64     | 19.51                   |
| 05 12 23 00-0406 |     |     | <b>A992/A36 Structural Steel, HP Shapes</b> (05 12 23 00-0147)<br>Note: Includes material delivery and erection.                                                                                                                                          |                                   |                         |
| 05 12 23 00-0407 | LF  |     | HP14 x 117 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                     | 249.97<br>61.98<br>22.50<br>49.99 | 24.99                   |
| 05 12 23 00-0408 | LF  |     | HP14 x 102 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                     | 218.69<br>53.61<br>19.68<br>43.74 | 23.25                   |
| 05 12 23 00-0409 | LF  |     | HP14 x 89 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 194.81<br>47.61<br>17.53<br>38.96 | 21.81                   |
| 05 12 23 00-0410 | LF  |     | HP14 x 73 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 161.20<br>38.65<br>14.51<br>32.24 | 20.55                   |
| 05 12 23 00-0411 | LF  |     | HP13 x 100 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                     | 214.41<br>52.76<br>19.30<br>42.88 | 22.80                   |
| 05 12 23 00-0412 | LF  |     | HP13 x 87 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 190.43<br>46.54<br>17.14<br>38.09 | 21.32                   |
| 05 12 23 00-0413 | LF  |     | HP13 x 73 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 161.20<br>38.65<br>14.51<br>32.24 | 20.55                   |
| 05 12 23 00-0414 | LF  |     | HP13 x 60 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 136.50<br>32.05<br>12.29<br>27.30 | 19.70                   |
| 05 12 23 00-0415 | LF  |     | HP12 x 84 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 179.58<br>43.18<br>16.16<br>35.92 | 22.49                   |
| 05 12 23 00-0416 | LF  |     | HP12 x 74 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 158.61<br>37.74<br>14.27<br>31.72 | 21.21                   |
| 05 12 23 00-0417 | LF  |     | HP12 x 63 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 136.50<br>32.11<br>12.29<br>27.30 | 19.50                   |
| 05 12 23 00-0418 | LF  |     | HP12 x 53 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 125.14<br>29.24<br>11.26<br>25.03 | 18.54                   |
| 05 12 23 00-0419 | LF  |     | HP10 x 57 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 131.84<br>30.96<br>11.87<br>26.37 | 19.02                   |
| 05 12 23 00-0420 | LF  |     | HP10 x 42 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                      | 108.58<br>24.86<br>9.77<br>21.72  | 17.83                   |
| 05 12 23 00-0421 | LF  |     | HP8 x 36 A992/A36 Structural Steel .....<br>For Hot Dip Galvanizing, Add .....<br>For High Strength Low Alloy A572-50 Steel, Add .....<br>For High Strength Low Alloy A588 Grade B Steel, Add .....                                                       | 94.37<br>21.21<br>8.49<br>18.87   | 16.81                   |
| 05 12 23 00-0422 |     |     | <b>Lightweight Framing Steel Shapes</b> (05 12 23)<br>Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON. |                                   |                         |
| 05 12 23 00-0423 |     |     | <b>Angle Iron - L</b> (05 12 23 00-0422)                                                                                                                                                                                                                  |                                   |                         |
| 05 12 23 00-0424 |     |     | <b>1/8" Thick</b> (05 12 23 00-0423)                                                                                                                                                                                                                      |                                   |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0425 | LF  |     | 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....     | 2.84                      | 1.70                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.17                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.24                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.37                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.50                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 1.79                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.10                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.35                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 1.60                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 0.57                      |                         |
| 05 12 23 00-0426 | LF  |     | 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....     | 3.29                      | 1.93                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.19                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.28                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.42                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.57                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 2.27                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.13                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.44                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 2.02                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 0.66                      |                         |
| 05 12 23 00-0427 | LF  |     | 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....     | 3.72                      | 2.14                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.21                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.31                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.47                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.63                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 2.82                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.16                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.55                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 2.51                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 0.74                      |                         |
| 05 12 23 00-0428 | LF  |     | 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....       | 4.18                      | 2.37                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.24                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.34                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.53                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.71                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 3.26                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.18                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.63                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 2.91                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 0.84                      |                         |
| 05 12 23 00-0429 | LF  |     | 1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....         | 4.61                      | 2.56                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.26                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.37                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.57                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.77                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 3.81                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.21                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.74                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 3.39                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 0.92                      |                         |
| 05 12 23 00-0430 | LF  |     | 1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron..... | 5.52                      | 3.01                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.30                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.44                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.68                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.92                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 4.80                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.27                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.93                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 4.28                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 1.10                      |                         |
| 05 12 23 00-0431 | LF  |     | 1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron.....     | 5.52                      | 3.01                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.30                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.44                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.68                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -0.92                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 4.80                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.27                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 0.93                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 4.28                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 1.10                      |                         |
| 05 12 23 00-0432 | LF  |     | 1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron..... | 6.12                      | 3.23                    |
|                  |     |     | For >100 To 250, Deduct                                   | -0.32                     |                         |
|                  |     |     | For >250 To 500, Deduct                                   | -0.48                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                 | -0.74                     |                         |
|                  |     |     | For >1,000, Deduct                                        | -1.00                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                              | 5.79                      |                         |
|                  |     |     | For Aluminum, Add                                         | 0.33                      |                         |
|                  |     |     | For Galvanized Steel, Add                                 | 1.12                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                              | 5.16                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                        | 1.22                      |                         |





|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0433 | LF  |     | 1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron .....  | 6.60                      | 3.34                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.33                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.50                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.78                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.05                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 6.85                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.39                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.33                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 6.10                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.32                      |                         |
| 05 12 23 00-0434 | LF  |     | 2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron .....      | 6.60                      | 3.34                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.33                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.50                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.78                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.05                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 6.85                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.39                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.33                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 6.10                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.32                      |                         |
| 05 12 23 00-0435 | LF  |     | 2" x 2" x 1/8" Thick, Plain Steel Angle Iron .....          | 7.07                      | 3.46                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.35                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.52                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.81                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.11                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 7.87                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.44                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.53                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 7.01                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.41                      |                         |
| 05 12 23 00-0436 |     |     | 3/16" Thick (05 12 23 00-0423)                              |                           |                         |
| 05 12 23 00-0437 | LF  |     | 1" x 1" x 3/16" Thick, Plain Steel Angle Iron .....         | 5.33                      | 2.71                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.27                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.40                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.63                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -0.85                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 5.50                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.31                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.07                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 4.90                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.07                      |                         |
| 05 12 23 00-0438 | LF  |     | 1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron ..... | 6.45                      | 3.18                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.32                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.48                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.75                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.02                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 7.04                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.40                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.36                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 6.27                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.29                      |                         |
| 05 12 23 00-0439 | LF  |     | 1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron .....     | 6.45                      | 3.18                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.32                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.48                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.75                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.02                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 7.04                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.40                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.36                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 6.27                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.29                      |                         |
| 05 12 23 00-0440 | LF  |     | 1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron ..... | 7.22                      | 3.42                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.34                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.52                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.82                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.11                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 8.54                      |                         |
|                  |     |     | For Aluminum, Add                                           | 0.48                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.66                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 7.61                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.44                      |                         |
| 05 12 23 00-0441 | LF  |     | 1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron ..... | 7.88                      | 3.54                    |
|                  |     |     | For >100 To 250, Deduct                                     | -0.35                     |                         |
|                  |     |     | For >250 To 500, Deduct                                     | -0.55                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                   | -0.87                     |                         |
|                  |     |     | For >1,000, Deduct                                          | -1.18                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                | 10.11                     |                         |
|                  |     |     | For Aluminum, Add                                           | 0.57                      |                         |
|                  |     |     | For Galvanized Steel, Add                                   | 1.96                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                | 9.01                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                          | 1.58                      |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0442 | LF  |     | 2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron .....     | 7.88                      | 3.54                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.35                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.55                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -0.87                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.18                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 10.11                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.57                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 1.96                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 9.01                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 1.58                      |                         |
| 05 12 23 00-0443 | LF  |     | 2" x 2" x 3/16" Thick, Plain Steel Angle Iron .....         | 8.51                      | 3.66                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.37                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.58                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -0.91                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.25                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 11.62                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.65                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 2.25                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 10.35                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 1.70                      |                         |
| 05 12 23 00-0444 | LF  |     | 2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron .....     | 9.32                      | 3.92                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.39                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -0.99                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.35                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 13.09                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.74                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 2.54                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 11.66                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 1.86                      |                         |
| 05 12 23 00-0445 | LF  |     | 2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron ..... | 10.18                     | 4.20                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.42                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.67                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.07                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.46                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 14.66                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.82                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 2.84                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 13.05                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 2.04                      |                         |
| 05 12 23 00-0446 | LF  |     | 3" x 2" x 3/16" Thick, Plain Steel Angle Iron .....         | 10.17                     | 4.20                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.42                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.67                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.07                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.46                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 14.62                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.82                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 2.83                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 13.02                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 2.03                      |                         |
| 05 12 23 00-0447 | LF  |     | 3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron .....     | 11.24                     | 4.63                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.46                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.75                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.18                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.62                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 16.16                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.91                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 3.13                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 14.39                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 2.25                      |                         |
| 05 12 23 00-0448 | LF  |     | 3" x 3" x 3/16" Thick, Plain Steel Angle Iron .....         | 12.29                     | 5.08                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.51                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.82                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.29                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.77                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 17.66                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.99                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 3.42                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 15.73                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 2.46                      |                         |
| 05 12 23 00-0449 |     |     | 1/4" Thick (05 12 23 00-0423)                               |                           |                         |
| 05 12 23 00-0450 | LF  |     | 1" x 1" x 1/4" Thick, Plain Steel Angle Iron .....          | 6.37                      | 3.13                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.31                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -0.47                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -0.74                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -1.00                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 7.01                      |                         |
|                  |     |     | For Aluminum, Add .....                                     | 0.39                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 1.36                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 6.24                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 1.27                      |                         |



|  |                          |           |           |
|--|--------------------------|-----------|-----------|
|  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  | Structural Metal Framing | 05 10     |           |
|  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0451 | LF  |     | 1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron ..... | 7.32                      | 3.36                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.34                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.52                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.82                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.11                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 9.06                      |                         |
|                  |     |     | For Aluminum, Add                                          | 0.51                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 1.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 8.07                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.46                      |                         |
| 05 12 23 00-0452 | LF  |     | 1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron .....     | 7.31                      | 3.36                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.34                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.52                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.81                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.11                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 9.02                      |                         |
|                  |     |     | For Aluminum, Add                                          | 0.51                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 1.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 8.04                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.46                      |                         |
| 05 12 23 00-0453 | LF  |     | 1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron ..... | 8.26                      | 3.60                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.36                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.57                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.89                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.22                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 11.04                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.62                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 2.14                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 9.83                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.65                      |                         |
| 05 12 23 00-0454 | LF  |     | 1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron ..... | 9.09                      | 3.72                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.60                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.95                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.30                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 13.22                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.74                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 2.56                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 11.77                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.82                      |                         |
| 05 12 23 00-0455 | LF  |     | 2" x 1" x 1/4" Thick, Plain Steel Angle Iron .....         | 8.05                      | 3.49                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.34                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.54                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.86                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.18                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 11.14                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.63                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 2.16                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 9.92                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.61                      |                         |
| 05 12 23 00-0456 | LF  |     | 2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron .....     | 9.07                      | 3.72                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.60                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -0.95                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.30                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 13.15                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.74                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 2.55                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 11.71                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.81                      |                         |
| 05 12 23 00-0457 | LF  |     | 2" x 2" x 1/4" Thick, Plain Steel Angle Iron .....         | 9.86                      | 3.84                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.38                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.01                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.38                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 15.17                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.85                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 2.94                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 13.51                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 1.97                      |                         |
| 05 12 23 00-0458 | LF  |     | 2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron .....     | 11.06                     | 4.25                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.43                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.70                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.12                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.54                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 17.25                     |                         |
|                  |     |     | For Aluminum, Add                                          | 0.97                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 3.34                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 15.36                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 2.21                      |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0459 | LF  |     | 2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron ..... | 12.31                     | 4.66                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.47                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.77                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.24                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.70                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 19.49                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.10                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 3.78                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 17.36                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 2.46                      |                         |
| 05 12 23 00-0460 | LF  |     | 3" x 2" x 1/4" Thick, Plain Steel Angle Iron .....         | 12.31                     | 4.66                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.47                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.77                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.24                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.70                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 19.49                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.10                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 3.78                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 17.36                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 2.46                      |                         |
| 05 12 23 00-0461 | LF  |     | 3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron .....     | 13.60                     | 5.18                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.52                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.86                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.37                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -1.88                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 21.44                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.21                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 4.15                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 19.10                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 2.72                      |                         |
| 05 12 23 00-0462 | LF  |     | 3" x 3" x 1/4" Thick, Plain Steel Angle Iron .....         | 14.87                     | 5.69                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.57                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -0.94                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.50                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -2.06                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 23.30                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.31                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 4.51                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 20.75                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 2.97                      |                         |
| 05 12 23 00-0463 | LF  |     | 3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron .....     | 16.17                     | 6.12                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.61                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -1.02                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.62                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -2.23                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 25.66                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.44                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 4.97                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 22.86                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.23                      |                         |
| 05 12 23 00-0464 | LF  |     | 3-1/2" x 4-1/2" x 1/4" Thick, Plain Steel Angle Iron ..... | 17.14                     | 0.63                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -1.07                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.71                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -2.35                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 27.62                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.55                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 5.35                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 24.60                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.43                      |                         |
| 05 12 23 00-0465 | LF  |     | 4" x 3" x 1/4" Thick, Plain Steel Angle Iron .....         | 17.14                     | 6.39                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.64                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -1.07                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.71                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -2.35                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 27.62                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.55                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 5.35                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 24.60                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.43                      |                         |
| 05 12 23 00-0466 | LF  |     | 4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron .....     | 18.09                     | 6.66                    |
|                  |     |     | For >100 To 250, Deduct                                    | -0.67                     |                         |
|                  |     |     | For >250 To 500, Deduct                                    | -1.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.79                     |                         |
|                  |     |     | For >1,000, Deduct                                         | -2.47                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                               | 29.47                     |                         |
|                  |     |     | For Aluminum, Add                                          | 1.66                      |                         |
|                  |     |     | For Galvanized Steel, Add                                  | 5.71                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                               | 26.25                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.62                      |                         |



|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0467 | LF  |     | 4" x 4" x 1/4" Thick, Plain Steel Angle Iron .....          | 19.08                  | 6.94                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.69                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -1.17                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.88                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -2.59                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 31.46                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.77                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 6.09                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 28.02                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 3.82                   |                      |
| 05 12 23 00-0468 | LF  |     | 5" x 3" x 1/4" Thick, Plain Steel Angle Iron .....          | 19.08                  | 6.94                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.69                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -1.17                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.88                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -2.59                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 31.46                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.77                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 6.09                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 28.02                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 3.82                   |                      |
| 05 12 23 00-0469 | LF  |     | 5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron .....      | 20.14                  | 7.31                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.73                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -1.23                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.98                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -2.73                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 33.25                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.87                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 6.44                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 29.61                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 4.03                   |                      |
| 05 12 23 00-0470 |     |     | 5/16" Thick (05 12 23 00-0423)                              |                        |                      |
| 05 12 23 00-0471 | LF  |     | 2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron .....     | 13.29                  | 4.95                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.49                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -0.83                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.32                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -1.82                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 21.44                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.21                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 4.15                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 19.10                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 2.66                   |                      |
| 05 12 23 00-0472 | LF  |     | 2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron ..... | 14.43                  | 5.24                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -0.89                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.42                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -1.96                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 23.81                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.34                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 4.61                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 21.20                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 2.89                   |                      |
| 05 12 23 00-0473 | LF  |     | 3" x 2" x 5/16" Thick, Plain Steel Angle Iron .....         | 14.43                  | 5.24                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -0.89                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.42                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -1.96                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 23.81                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.34                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 4.61                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 21.20                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 2.89                   |                      |
| 05 12 23 00-0474 | LF  |     | 3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron .....     | 16.01                  | 5.74                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.58                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -0.98                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.57                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -2.16                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 26.69                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.50                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 5.17                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 23.77                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 3.20                   |                      |
| 05 12 23 00-0475 | LF  |     | 3" x 3" x 5/16" Thick, Plain Steel Angle Iron .....         | 17.41                  | 6.25                 |
|                  |     |     | For >100 To 250, Deduct                                     | -0.62                  |                      |
|                  |     |     | For >250 To 500, Deduct                                     | -1.06                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                   | -1.70                  |                      |
|                  |     |     | For >1,000, Deduct                                          | -2.35                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                | 29.06                  |                      |
|                  |     |     | For Aluminum, Add                                           | 1.63                   |                      |
|                  |     |     | For Galvanized Steel, Add                                   | 5.63                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                | 25.88                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                          | 3.48                   |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0476 | LF  |     | 3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron .....     | 18.58                     | 6.57                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.66                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.80                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.49                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 31.46                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 1.77                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 6.09                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 28.02                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 3.72                      |                         |
| 05 12 23 00-0477 | LF  |     | 3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron ..... | 19.87                     | 6.89                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.69                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.19                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.91                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.64                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 34.21                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 1.92                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 6.63                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 30.47                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 3.97                      |                         |
| 05 12 23 00-0478 | LF  |     | 4" x 3" x 5/16" Thick, Plain Steel Angle Iron .....         | 19.87                     | 6.89                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.69                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.19                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -1.91                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.64                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 34.21                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 1.92                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 6.63                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 30.47                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 3.97                      |                         |
| 05 12 23 00-0479 | LF  |     | 4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron .....     | 21.14                     | 7.28                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.73                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.26                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -2.03                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.80                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 36.58                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 2.06                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 7.09                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 32.58                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 4.23                      |                         |
| 05 12 23 00-0480 | LF  |     | 4" x 4" x 5/16" Thick, Plain Steel Angle Iron .....         | 22.36                     | 7.61                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.76                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.32                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -2.13                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.95                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 39.07                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 2.20                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 7.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 34.80                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 4.47                      |                         |
| 05 12 23 00-0481 | LF  |     | 5" x 3" x 5/16" Thick, Plain Steel Angle Iron .....         | 22.36                     | 7.61                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.76                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.32                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -2.13                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -2.95                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 39.07                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 2.20                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 7.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 34.80                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 4.47                      |                         |
| 05 12 23 00-0482 | LF  |     | 5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron .....     | 23.49                     | 7.92                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.79                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.38                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -2.23                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -3.08                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 41.34                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 2.33                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 8.01                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 36.82                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 4.70                      |                         |
| 05 12 23 00-0483 | LF  |     | 5" x 5" x 5/16" Thick, Plain Steel Angle Iron .....         | 26.34                     | 8.26                    |
|                  |     |     | For >100 To 250, Deduct .....                               | -0.83                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                               | -1.48                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                             | -2.42                     |                         |
|                  |     |     | For >1,000, Deduct .....                                    | -3.35                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                          | 49.06                     |                         |
|                  |     |     | For Aluminum, Add .....                                     | 2.76                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                             | 9.50                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                          | 43.69                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add .....                    | 5.27                      |                         |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0484 | LF  |     | 6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron .....    | 26.03                  | 8.60                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.86                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.51                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -2.45                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -3.39                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 46.66                  |                      |
|                  |     |     | For Aluminum, Add                                          | 2.62                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 9.02                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 41.47                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 5.21                   |                      |
| 05 12 23 00-0485 |     |     | 3/8" Thick (05 12 23 00-0423)                              |                        |                      |
| 05 12 23 00-0486 | LF  |     | 3" x 2" x 3/8" Thick, Plain Steel Angle Iron .....         | 16.07                  | 5.48                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.55                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -0.95                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.53                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.12                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 28.03                  |                      |
|                  |     |     | For Aluminum, Add                                          | 1.58                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 5.43                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 24.97                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.21                   |                      |
| 05 12 23 00-0487 | LF  |     | 3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron .....     | 17.75                  | 5.94                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.59                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.04                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.68                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.32                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 31.46                  |                      |
|                  |     |     | For Aluminum, Add                                          | 1.77                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 6.09                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 28.02                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.55                   |                      |
| 05 12 23 00-0488 | LF  |     | 3" x 3" x 3/8" Thick, Plain Steel Angle Iron .....         | 19.22                  | 6.40                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.64                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.12                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.81                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.51                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 34.21                  |                      |
|                  |     |     | For Aluminum, Add                                          | 1.92                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 6.63                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 30.47                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 3.84                   |                      |
| 05 12 23 00-0489 | LF  |     | 3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron .....     | 20.52                  | 6.58                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.66                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.17                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -1.90                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.63                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 37.63                  |                      |
|                  |     |     | For Aluminum, Add                                          | 2.12                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 7.29                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 33.52                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 4.10                   |                      |
| 05 12 23 00-0490 | LF  |     | 3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron ..... | 21.87                  | 6.93                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.69                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.24                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -2.02                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.80                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 40.38                  |                      |
|                  |     |     | For Aluminum, Add                                          | 2.27                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 7.82                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 35.97                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 4.37                   |                      |
| 05 12 23 00-0491 | LF  |     | 4" x 3" x 3/8" Thick, Plain Steel Angle Iron .....         | 21.87                  | 6.93                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.69                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.24                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -2.02                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -2.80                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 40.38                  |                      |
|                  |     |     | For Aluminum, Add                                          | 2.27                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 7.82                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 35.97                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 4.37                   |                      |
| 05 12 23 00-0492 | LF  |     | 4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron .....     | 23.58                  | 7.56                 |
|                  |     |     | For >100 To 250, Deduct                                    | -0.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                                    | -1.34                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                                  | -2.19                  |                      |
|                  |     |     | For >1,000, Deduct                                         | -3.03                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                               | 43.23                  |                      |
|                  |     |     | For Aluminum, Add                                          | 2.43                   |                      |
|                  |     |     | For Galvanized Steel, Add                                  | 8.38                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                               | 38.50                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                         | 4.72                   |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0493 | LF  |     | 4" x 4" x 3/8" Thick, Plain Steel Angle Iron.....      | 24.92                     | 7.78                    |
|                  |     |     | For >100 To 250, Deduct                                | -0.78                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.40                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.28                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -3.17                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 46.56                     |                         |
|                  |     |     | For Aluminum, Add                                      | 2.62                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 9.02                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 41.47                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 4.98                      |                         |
| 05 12 23 00-0494 | LF  |     | 5" x 3" x 3/8" Thick, Plain Steel Angle Iron.....      | 25.33                     | 8.09                    |
|                  |     |     | For >100 To 250, Deduct                                | -0.81                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.44                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.34                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -3.25                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 46.56                     |                         |
|                  |     |     | For Aluminum, Add                                      | 2.62                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 9.02                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 41.47                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 5.07                      |                         |
| 05 12 23 00-0495 | LF  |     | 5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron ..... | 27.06                     | 8.71                    |
|                  |     |     | For >100 To 250, Deduct                                | -0.87                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.55                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.52                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -3.48                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 49.41                     |                         |
|                  |     |     | For Aluminum, Add                                      | 2.78                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 9.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 44.00                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 5.41                      |                         |
| 05 12 23 00-0496 | LF  |     | 5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....      | 31.85                     | 10.16                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.02                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.81                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.95                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.08                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 58.59                     |                         |
|                  |     |     | For Aluminum, Add                                      | 3.30                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 11.35                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 52.18                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 6.37                      |                         |
| 05 12 23 00-0497 | LF  |     | 6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron ..... | 29.95                     | 9.44                    |
|                  |     |     | For >100 To 250, Deduct                                | -0.94                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.69                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.76                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -3.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 55.58                     |                         |
|                  |     |     | For Aluminum, Add                                      | 3.13                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 10.77                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 49.50                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 5.99                      |                         |
| 05 12 23 00-0498 | LF  |     | 6" x 4" x 3/8" Thick, Plain Steel Angle Iron.....      | 31.85                     | 10.16                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.02                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.81                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.95                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.08                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 58.59                     |                         |
|                  |     |     | For Aluminum, Add                                      | 3.30                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 11.35                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 52.18                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 6.37                      |                         |
| 05 12 23 00-0499 | LF  |     | 6" x 6" x 3/8" Thick, Plain Steel Angle Iron.....      | 38.42                     | 12.19                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.22                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.18                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.55                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.91                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 70.98                     |                         |
|                  |     |     | For Aluminum, Add                                      | 3.99                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 13.75                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 63.21                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.68                      |                         |
| 05 12 23 00-0500 | LF  |     | 7" x 4" x 3/8" Thick, Plain Steel Angle Iron.....      | 35.14                     | 11.17                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.12                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.00                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.25                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.50                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 64.77                     |                         |
|                  |     |     | For Aluminum, Add                                      | 3.64                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 12.55                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 57.68                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.03                      |                         |

05 12 23 00-0501 1/2" Thick (05 12 23 00-0423)





|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0502 | LF  |     | 3" x 3" x 1/2" Thick, Plain Steel Angle Iron .....     | 22.70                  | 6.54                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.65                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.22                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.01                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -2.79                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 44.77                  |                      |
|                  |     |     | For Aluminum, Add                                      | 2.52                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 8.67                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 39.87                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 4.54                   |                      |
| 05 12 23 00-0503 | LF  |     | 4" x 3" x 1/2" Thick, Plain Steel Angle Iron .....     | 26.83                  | 7.72                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.77                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.44                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.37                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -3.30                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 52.90                  |                      |
|                  |     |     | For Aluminum, Add                                      | 2.98                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 10.25                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 47.11                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 5.37                   |                      |
| 05 12 23 00-0504 | LF  |     | 4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron ..... | 28.75                  | 8.28                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.83                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.55                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.54                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -3.54                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 56.70                  |                      |
|                  |     |     | For Aluminum, Add                                      | 3.19                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 10.99                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 50.50                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 5.75                   |                      |
| 05 12 23 00-0505 | LF  |     | 4" x 4" x 1/2" Thick, Plain Steel Angle Iron .....     | 30.93                  | 8.91                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.89                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.66                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.73                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -3.80                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 60.99                  |                      |
|                  |     |     | For Aluminum, Add                                      | 3.43                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 11.82                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 54.32                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 6.19                   |                      |
| 05 12 23 00-0506 | LF  |     | 5" x 3" x 1/2" Thick, Plain Steel Angle Iron .....     | 30.93                  | 8.91                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.89                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.66                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.73                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -3.80                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 60.99                  |                      |
|                  |     |     | For Aluminum, Add                                      | 3.43                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 11.82                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 54.32                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 6.19                   |                      |
| 05 12 23 00-0507 | LF  |     | 5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron ..... | 32.86                  | 9.46                 |
|                  |     |     | For >100 To 250, Deduct                                | -0.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -1.77                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -2.90                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -4.04                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 64.80                  |                      |
|                  |     |     | For Aluminum, Add                                      | 3.65                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 12.56                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 57.71                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 6.57                   |                      |
| 05 12 23 00-0508 | LF  |     | 5" x 5" x 1/2" Thick, Plain Steel Angle Iron .....     | 39.14                  | 11.27                |
|                  |     |     | For >100 To 250, Deduct                                | -1.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.11                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.46                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -4.81                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 77.18                  |                      |
|                  |     |     | For Aluminum, Add                                      | 4.34                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 14.95                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 68.74                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.83                   |                      |
| 05 12 23 00-0509 | LF  |     | 6" x 4" x 1/2" Thick, Plain Steel Angle Iron .....     | 39.14                  | 11.27                |
|                  |     |     | For >100 To 250, Deduct                                | -1.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.11                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.46                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -4.81                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 77.18                  |                      |
|                  |     |     | For Aluminum, Add                                      | 4.34                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 14.95                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                           | 68.74                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.83                   |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0510 | LF  |     | 6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....      | 47.35                     | 13.63                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.36                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.55                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.19                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -5.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 93.34                     |                         |
|                  |     |     | For Aluminum, Add                                      | 5.25                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 18.09                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 83.13                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 9.47                      |                         |
| 05 12 23 00-0511 | LF  |     | 7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....      | 43.24                     | 12.45                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.25                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.33                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.82                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -5.32                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 85.25                     |                         |
|                  |     |     | For Aluminum, Add                                      | 4.80                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 16.52                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 75.92                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 8.65                      |                         |
| 05 12 23 00-0512 | LF  |     | 8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....      | 47.35                     | 13.63                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.36                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.55                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.19                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -5.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 93.34                     |                         |
|                  |     |     | For Aluminum, Add                                      | 5.25                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 18.09                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 83.13                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 9.47                      |                         |
| 05 12 23 00-0513 | LF  |     | 8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....      | 55.59                     | 16.00                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.99                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.91                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -6.84                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 109.60                    |                         |
|                  |     |     | For Aluminum, Add                                      | 6.17                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 21.24                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 97.61                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 11.12                     |                         |
| 05 12 23 00-0514 | LF  |     | 8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....      | 63.79                     | 18.37                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.84                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -3.43                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -5.64                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -7.85                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 125.76                    |                         |
|                  |     |     | For Aluminum, Add                                      | 7.07                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 24.37                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                           | 112.01                    |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 12.76                     |                         |
| 05 12 23 00-0515 |     |     | <b>5/8" Thick</b> (05 12 23 00-0423)                   |                           |                         |
| 05 12 23 00-0516 | LF  |     | 4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....      | 36.98                     | 10.21                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.02                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -1.95                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.21                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.47                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 74.78                     |                         |
|                  |     |     | For Aluminum, Add                                      | 4.21                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 14.49                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.40                      |                         |
| 05 12 23 00-0517 | LF  |     | 5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron ..... | 39.58                     | 10.92                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.09                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.08                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.44                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -4.79                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 80.06                     |                         |
|                  |     |     | For Aluminum, Add                                      | 4.50                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 15.51                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 7.92                      |                         |
| 05 12 23 00-0518 | LF  |     | 5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....      | 47.11                     | 13.01                   |
|                  |     |     | For >100 To 250, Deduct                                | -1.30                     |                         |
|                  |     |     | For >250 To 500, Deduct                                | -2.48                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.09                     |                         |
|                  |     |     | For >1,000, Deduct                                     | -5.70                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                           | 95.26                     |                         |
|                  |     |     | For Aluminum, Add                                      | 5.36                      |                         |
|                  |     |     | For Galvanized Steel, Add                              | 18.46                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                     | 9.42                      |                         |



|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0519 | LF  |     | 6" x 4" x 5/8" Thick, Plain Steel Angle Iron .....     | 47.11                  | 13.01                |
|                  |     |     | For >100 To 250, Deduct                                | -1.30                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.48                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.09                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -5.70                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 95.26                  |                      |
|                  |     |     | For Aluminum, Add                                      | 5.36                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 18.46                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 9.42                   |                      |
| 05 12 23 00-0520 | LF  |     | 6" x 6" x 5/8" Thick, Plain Steel Angle Iron .....     | 57.01                  | 15.74                |
|                  |     |     | For >100 To 250, Deduct                                | -1.57                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -3.00                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.95                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -6.90                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 115.30                 |                      |
|                  |     |     | For Aluminum, Add                                      | 6.49                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 22.34                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 11.40                  |                      |
| 05 12 23 00-0521 | LF  |     | 7" x 4" x 5/8" Thick, Plain Steel Angle Iron .....     | 52.05                  | 14.37                |
|                  |     |     | For >100 To 250, Deduct                                | -1.44                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.74                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.52                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -6.30                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 105.28                 |                      |
|                  |     |     | For Aluminum, Add                                      | 5.92                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 20.40                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 10.41                  |                      |
| 05 12 23 00-0522 | LF  |     | 8" x 6" x 5/8" Thick, Plain Steel Angle Iron .....     | 67.12                  | 18.53                |
|                  |     |     | For >100 To 250, Deduct                                | -1.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -3.53                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -5.83                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -8.12                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 135.74                 |                      |
|                  |     |     | For Aluminum, Add                                      | 7.64                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 26.30                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 13.42                  |                      |
| 05 12 23 00-0523 | LF  |     | 8" x 8" x 5/8" Thick, Plain Steel Angle Iron .....     | 77.02                  | 21.26                |
|                  |     |     | For >100 To 250, Deduct                                | -2.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -4.05                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -6.69                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -9.32                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 155.78                 |                      |
|                  |     |     | For Aluminum, Add                                      | 8.76                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 30.18                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 15.40                  |                      |
| 05 12 23 00-0524 |     |     | 3/4" Thick (05 12 23 00-0423)                          |                        |                      |
| 05 12 23 00-0525 | LF  |     | 4" x 4" x 3/4" Thick, Plain Steel Angle Iron .....     | 42.59                  | 11.28                |
|                  |     |     | For >100 To 250, Deduct                                | -1.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.19                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.63                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -5.07                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 88.16                  |                      |
|                  |     |     | For Aluminum, Add                                      | 4.96                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 17.08                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 8.52                   |                      |
| 05 12 23 00-0526 | LF  |     | 5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron ..... | 45.56                  | 12.07                |
|                  |     |     | For >100 To 250, Deduct                                | -1.21                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.35                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -3.89                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -5.43                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 94.30                  |                      |
|                  |     |     | For Aluminum, Add                                      | 5.30                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 18.27                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 9.11                   |                      |
| 05 12 23 00-0527 | LF  |     | 5" x 5" x 3/4" Thick, Plain Steel Angle Iron .....     | 54.32                  | 14.39                |
|                  |     |     | For >100 To 250, Deduct                                | -1.44                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.80                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.63                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -6.47                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 112.45                 |                      |
|                  |     |     | For Aluminum, Add                                      | 6.33                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 21.79                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 10.86                  |                      |
| 05 12 23 00-0528 | LF  |     | 6" x 4" x 3/4" Thick, Plain Steel Angle Iron .....     | 54.32                  | 14.39                |
|                  |     |     | For >100 To 250, Deduct                                | -1.44                  |                      |
|                  |     |     | For >250 To 500, Deduct                                | -2.80                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                              | -4.63                  |                      |
|                  |     |     | For >1,000, Deduct                                     | -6.47                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                           | 112.45                 |                      |
|                  |     |     | For Aluminum, Add                                      | 6.33                   |                      |
|                  |     |     | For Galvanized Steel, Add                              | 21.79                  |                      |
|                  |     |     | For High Strength Steel (HSS), Add                     | 10.86                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0529 | LF  |     | 6" x 6" x 3/4" Thick, Plain Steel Angle Iron..... | 66.04                     | 17.49                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.75                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.40                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -5.63                     |                         |
|                  |     |     | For >1,000, Deduct                                | -7.87                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 136.70                    |                         |
|                  |     |     | For Aluminum, Add                                 | 7.69                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 26.49                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 13.21                     |                         |
| 05 12 23 00-0530 | LF  |     | 7" x 4" x 3/4" Thick, Plain Steel Angle Iron..... | 60.29                     | 15.97                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.60                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.10                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -5.14                     |                         |
|                  |     |     | For >1,000, Deduct                                | -7.18                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 124.80                    |                         |
|                  |     |     | For Aluminum, Add                                 | 7.02                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 24.18                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 12.06                     |                         |
| 05 12 23 00-0531 | LF  |     | 8" x 4" x 3/4" Thick, Plain Steel Angle Iron..... | 66.04                     | 17.49                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.75                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.40                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -5.63                     |                         |
|                  |     |     | For >1,000, Deduct                                | -7.87                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 136.70                    |                         |
|                  |     |     | For Aluminum, Add                                 | 7.69                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 26.49                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 13.21                     |                         |
| 05 12 23 00-0532 | LF  |     | 8" x 6" x 3/4" Thick, Plain Steel Angle Iron..... | 77.79                     | 20.59                   |
|                  |     |     | For >100 To 250, Deduct                           | -2.06                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -4.00                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -6.64                     |                         |
|                  |     |     | For >1,000, Deduct                                | -9.27                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 161.06                    |                         |
|                  |     |     | For Aluminum, Add                                 | 9.06                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 31.20                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 15.56                     |                         |
| 05 12 23 00-0533 | LF  |     | 8" x 8" x 3/4" Thick, Plain Steel Angle Iron..... | 89.52                     | 23.71                   |
|                  |     |     | For >100 To 250, Deduct                           | -2.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -4.61                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -7.64                     |                         |
|                  |     |     | For >1,000, Deduct                                | -10.67                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 185.31                    |                         |
|                  |     |     | For Aluminum, Add                                 | 10.42                     |                         |
|                  |     |     | For Galvanized Steel, Add                         | 35.90                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 17.90                     |                         |
| 05 12 23 00-0534 |     |     | <b>7/8" Thick</b> (05 12 23 00-0423)              |                           |                         |
| 05 12 23 00-0535 | LF  |     | 5" x 5" x 7/8" Thick, Plain Steel Angle Iron..... | 61.11                     | 15.47                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.55                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.08                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -5.12                     |                         |
|                  |     |     | For >1,000, Deduct                                | -7.16                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 129.54                    |                         |
|                  |     |     | For Aluminum, Add                                 | 7.29                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 25.10                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 12.22                     |                         |
| 05 12 23 00-0536 | LF  |     | 6" x 4" x 7/8" Thick, Plain Steel Angle Iron..... | 61.11                     | 15.47                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.55                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.08                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -5.12                     |                         |
|                  |     |     | For >1,000, Deduct                                | -7.16                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 129.54                    |                         |
|                  |     |     | For Aluminum, Add                                 | 7.29                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 25.10                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 12.22                     |                         |
| 05 12 23 00-0537 | LF  |     | 6" x 6" x 7/8" Thick, Plain Steel Angle Iron..... | 74.39                     | 18.83                   |
|                  |     |     | For >100 To 250, Deduct                           | -1.88                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -3.74                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -6.23                     |                         |
|                  |     |     | For >1,000, Deduct                                | -8.72                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 157.70                    |                         |
|                  |     |     | For Aluminum, Add                                 | 8.87                      |                         |
|                  |     |     | For Galvanized Steel, Add                         | 30.55                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 14.88                     |                         |
| 05 12 23 00-0538 | LF  |     | 8" x 6" x 7/8" Thick, Plain Steel Angle Iron..... | 87.87                     | 22.24                   |
|                  |     |     | For >100 To 250, Deduct                           | -2.22                     |                         |
|                  |     |     | For >250 To 500, Deduct                           | -4.42                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                         | -7.36                     |                         |
|                  |     |     | For >1,000, Deduct                                | -10.30                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                      | 186.27                    |                         |
|                  |     |     | For Aluminum, Add                                 | 10.48                     |                         |
|                  |     |     | For Galvanized Steel, Add                         | 36.09                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                | 17.57                     |                         |



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|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR            | CSI | UOM | DESCRIPTION                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0539 | LF  |     | 8" x 8" x 7/8" Thick, Plain Steel Angle Iron ..... | 101.11                    | 25.60                   |
|                  |     |     | For >100 To 250, Deduct                            | -2.56                     |                         |
|                  |     |     | For >250 To 500, Deduct                            | -5.09                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                          | -8.47                     |                         |
|                  |     |     | For >1,000, Deduct                                 | -11.85                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 214.34                    |                         |
|                  |     |     | For Aluminum, Add                                  | 12.06                     |                         |
|                  |     |     | For Galvanized Steel, Add                          | 41.53                     |                         |
|                  |     |     | For High Strength Steel (HSS), Add                 | 20.22                     |                         |
| 05 12 23 00-0540 |     |     | <b>Bar Channel</b> (05 12 23 00-0422)              |                           |                         |
| 05 12 23 00-0541 | LF  |     | 1" x 1/2" x 1/8" Thick Bar Channel .....           | 5.04                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 5.18                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.29                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.00                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 4.62                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                 | 1.01                      |                         |
| 05 12 23 00-0542 | LF  |     | 1-1/4" x 1/2" x 1/8" Thick Bar Channel .....       | 5.66                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 6.21                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.35                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.20                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 5.53                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                 | 1.13                      |                         |
| 05 12 23 00-0543 | LF  |     | 1-1/2" x 1/2" x 1/8" Thick Bar Channel .....       | 6.17                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 6.88                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.39                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.33                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 6.13                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                 | 1.23                      |                         |
| 05 12 23 00-0544 | LF  |     | 1-1/2" x 3/4" x 1/8" Thick Bar Channel .....       | 7.05                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 7.17                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.40                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.39                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 6.38                      |                         |
|                  |     |     | For High Strength Steel (HSS), Add                 | 1.41                      |                         |
| 05 12 23 00-0545 | LF  |     | 2" x 1/2" x 1/8" Thick Bar Channel .....           | 7.55                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 8.77                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.49                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.70                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 7.81                      |                         |
| 05 12 23 00-0546 | LF  |     | 2" x 1" x 1/8" Thick Bar Channel .....             | 9.93                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 9.79                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.55                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.90                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 8.72                      |                         |
| 05 12 23 00-0547 |     |     | <b>Channels - C</b> (05 12 23 00-0422)             |                           |                         |
| 05 12 23 00-0548 | LF  |     | C2 x 1.78 - 2" Wide Channel .....                  | 8.25                      | 4.24                    |
|                  |     |     | For >100 To 250, Deduct                            | -0.42                     |                         |
|                  |     |     | For >250 To 500, Deduct                            | -0.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                          | -0.98                     |                         |
|                  |     |     | For >1,000, Deduct                                 | -1.33                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 8.32                      |                         |
|                  |     |     | For Aluminum, Add                                  | 0.47                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 1.61                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 7.41                      |                         |
| 05 12 23 00-0549 | LF  |     | C3 x 4.1 - 3" Wide Channel .....                   | 14.23                     | 6.09                    |
|                  |     |     | For >100 To 250, Deduct                            | -0.61                     |                         |
|                  |     |     | For >250 To 500, Deduct                            | -0.97                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                          | -1.52                     |                         |
|                  |     |     | For >1,000, Deduct                                 | -2.08                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 19.52                     |                         |
|                  |     |     | For Aluminum, Add                                  | 1.10                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 3.78                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 17.39                     |                         |
| 05 12 23 00-0550 | LF  |     | C3 x 5 - 3" Wide Channel .....                     | 17.35                     | 7.44                    |
|                  |     |     | For >100 To 250, Deduct                            | -0.74                     |                         |
|                  |     |     | For >250 To 500, Deduct                            | -1.18                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                          | -1.86                     |                         |
|                  |     |     | For >1,000, Deduct                                 | -2.54                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 23.81                     |                         |
|                  |     |     | For Aluminum, Add                                  | 1.34                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 4.61                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 21.20                     |                         |
| 05 12 23 00-0551 | LF  |     | C3 x 6 - 3" Wide Channel .....                     | 20.83                     | 8.92                    |
|                  |     |     | For >100 To 250, Deduct                            | -0.89                     |                         |
|                  |     |     | For >250 To 500, Deduct                            | -1.41                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                          | -2.23                     |                         |
|                  |     |     | For >1,000, Deduct                                 | -3.05                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                       | 28.58                     |                         |
|                  |     |     | For Aluminum, Add                                  | 1.61                      |                         |
|                  |     |     | For Galvanized Steel, Add                          | 5.54                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                       | 25.45                     |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0552 | LF  |     | C4 x 5.4 - 4" Wide Channel.....   | 17.79                     | 7.31                    |
|                  |     |     | For >100 To 250, Deduct           | -0.73                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.18                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -1.86                     |                         |
|                  |     |     | For >1,000, Deduct                | -2.55                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 25.73                     |                         |
|                  |     |     | For Aluminum, Add                 | 1.45                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 4.98                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 22.91                     |                         |
| 05 12 23 00-0553 | LF  |     | C4 x 7.25 - 4" Wide Channel.....  | 23.88                     | 9.81                    |
|                  |     |     | For >100 To 250, Deduct           | -0.98                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.58                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -2.50                     |                         |
|                  |     |     | For >1,000, Deduct                | -3.43                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 34.53                     |                         |
|                  |     |     | For Aluminum, Add                 | 1.94                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 6.69                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 30.75                     |                         |
| 05 12 23 00-0554 | LF  |     | C5 x 6.7 - 5" Wide Channel.....   | 21.34                     | 8.52                    |
|                  |     |     | For >100 To 250, Deduct           | -0.85                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.39                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -2.20                     |                         |
|                  |     |     | For >1,000, Deduct                | -3.02                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 31.90                     |                         |
|                  |     |     | For Aluminum, Add                 | 1.79                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 6.18                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 28.41                     |                         |
| 05 12 23 00-0555 | LF  |     | C5 x 9 - 5" Wide Channel.....     | 28.67                     | 11.46                   |
|                  |     |     | For >100 To 250, Deduct           | -1.15                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.86                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -2.96                     |                         |
|                  |     |     | For >1,000, Deduct                | -4.06                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 42.88                     |                         |
|                  |     |     | For Aluminum, Add                 | 2.41                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 8.31                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 38.19                     |                         |
| 05 12 23 00-0556 | LF  |     | C6 x 8.2 - 6" Wide Channel.....   | 25.86                     | 10.24                   |
|                  |     |     | For >100 To 250, Deduct           | -1.02                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.67                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -2.66                     |                         |
|                  |     |     | For >1,000, Deduct                | -3.65                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 39.07                     |                         |
|                  |     |     | For Aluminum, Add                 | 2.20                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 7.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 34.80                     |                         |
| 05 12 23 00-0557 | LF  |     | C6 x 10.5 - 6" Wide Channel.....  | 33.11                     | 13.11                   |
|                  |     |     | For >100 To 250, Deduct           | -1.31                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -2.14                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -3.40                     |                         |
|                  |     |     | For >1,000, Deduct                | -4.67                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 50.02                     |                         |
|                  |     |     | For Aluminum, Add                 | 2.81                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 9.69                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 44.55                     |                         |
| 05 12 23 00-0558 | LF  |     | C6 x 13 - 6" Wide Channel.....    | 41.00                     | 16.23                   |
|                  |     |     | For >100 To 250, Deduct           | -1.62                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -2.65                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -4.22                     |                         |
|                  |     |     | For >1,000, Deduct                | -5.78                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 61.92                     |                         |
|                  |     |     | For Aluminum, Add                 | 3.48                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 12.00                     |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 55.15                     |                         |
| 05 12 23 00-0559 | LF  |     | C7 x 9.8 - 7" Wide Channel.....   | 30.84                     | 12.19                   |
|                  |     |     | For >100 To 250, Deduct           | -1.22                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -1.99                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -3.17                     |                         |
|                  |     |     | For >1,000, Deduct                | -4.34                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 46.69                     |                         |
|                  |     |     | For Aluminum, Add                 | 2.63                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 9.05                      |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 41.58                     |                         |
| 05 12 23 00-0560 | LF  |     | C7 x 12.25 - 7" Wide Channel..... | 38.54                     | 15.23                   |
|                  |     |     | For >100 To 250, Deduct           | -1.52                     |                         |
|                  |     |     | For >250 To 500, Deduct           | -2.49                     |                         |
|                  |     |     | For >500 To 1,000, Deduct         | -3.96                     |                         |
|                  |     |     | For >1,000, Deduct                | -5.43                     |                         |
|                  |     |     | For 316 Stainless Steel, Add      | 58.34                     |                         |
|                  |     |     | For Aluminum, Add                 | 3.28                      |                         |
|                  |     |     | For Galvanized Steel, Add         | 11.30                     |                         |
|                  |     |     | For 304 Stainless Steel, Add      | 51.96                     |                         |



|  |                          |           |  |
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|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------|------------------------|----------------------|
| 05 12 23 00-0561 | LF  |     | C7 x 14.75 - 7" Wide Channel .....  | 46.41                  | 18.35                |
|                  |     |     | For >100 To 250, Deduct             | -1.83                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.99                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -4.77                  |                      |
|                  |     |     | For >1,000, Deduct                  | -6.54                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 70.24                  |                      |
|                  |     |     | For Aluminum, Add                   | 3.95                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 13.61                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 62.56                  |                      |
| 05 12 23 00-0562 | LF  |     | C8 x 11.5 - 8" Wide Channel .....   | 35.00                  | 13.41                |
|                  |     |     | For >100 To 250, Deduct             | -1.34                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.22                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -3.54                  |                      |
|                  |     |     | For >1,000, Deduct                  | -4.86                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 54.78                  |                      |
|                  |     |     | For Aluminum, Add                   | 3.08                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 10.61                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 48.79                  |                      |
| 05 12 23 00-0563 | LF  |     | C8 x 13.75 - 8" Wide Channel .....  | 41.85                  | 16.04                |
|                  |     |     | For >100 To 250, Deduct             | -1.60                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.65                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -4.23                  |                      |
|                  |     |     | For >1,000, Deduct                  | -5.81                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 65.50                  |                      |
|                  |     |     | For Aluminum, Add                   | 3.68                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 12.69                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 58.34                  |                      |
| 05 12 23 00-0564 | LF  |     | C8 x 18.75 - 8" Wide Channel .....  | 57.06                  | 21.86                |
|                  |     |     | For >100 To 250, Deduct             | -2.19                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -3.61                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -5.77                  |                      |
|                  |     |     | For >1,000, Deduct                  | -7.92                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 89.31                  |                      |
|                  |     |     | For Aluminum, Add                   | 5.02                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 17.30                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 79.54                  |                      |
| 05 12 23 00-0565 | LF  |     | C9 x 13.4 - 9" Wide Channel .....   | 40.78                  | 15.63                |
|                  |     |     | For >100 To 250, Deduct             | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.58                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -4.12                  |                      |
|                  |     |     | For >1,000, Deduct                  | -5.66                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 63.84                  |                      |
|                  |     |     | For Aluminum, Add                   | 3.59                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 12.37                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 56.86                  |                      |
| 05 12 23 00-0566 | LF  |     | C9 x 15 - 9" Wide Channel .....     | 45.64                  | 17.49                |
|                  |     |     | For >100 To 250, Deduct             | -1.75                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.89                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -4.61                  |                      |
|                  |     |     | For >1,000, Deduct                  | -6.34                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 71.46                  |                      |
|                  |     |     | For Aluminum, Add                   | 4.02                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 13.64                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 63.64                  |                      |
| 05 12 23 00-0567 | LF  |     | C9 x 20 - 9" Wide Channel .....     | 60.87                  | 23.31                |
|                  |     |     | For >100 To 250, Deduct             | -2.33                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -3.85                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -6.15                  |                      |
|                  |     |     | For >1,000, Deduct                  | -8.45                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 95.26                  |                      |
|                  |     |     | For Aluminum, Add                   | 5.36                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 18.46                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 84.84                  |                      |
| 05 12 23 00-0568 | LF  |     | C10 x 15.3 - 10" Wide Channel ..... | 46.56                  | 17.83                |
|                  |     |     | For >100 To 250, Deduct             | -1.78                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -2.95                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -4.71                  |                      |
|                  |     |     | For >1,000, Deduct                  | -6.47                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 72.86                  |                      |
|                  |     |     | For Aluminum, Add                   | 4.10                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 14.12                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 64.89                  |                      |
| 05 12 23 00-0569 | LF  |     | C10 x 20 - 10" Wide Channel .....   | 60.87                  | 23.31                |
|                  |     |     | For >100 To 250, Deduct             | -2.33                  |                      |
|                  |     |     | For >250 To 500, Deduct             | -3.85                  |                      |
|                  |     |     | For >500 To 1,000, Deduct           | -6.15                  |                      |
|                  |     |     | For >1,000, Deduct                  | -8.45                  |                      |
|                  |     |     | For 316 Stainless Steel, Add        | 95.26                  |                      |
|                  |     |     | For Aluminum, Add                   | 5.36                   |                      |
|                  |     |     | For Galvanized Steel, Add           | 18.46                  |                      |
|                  |     |     | For 304 Stainless Steel, Add        | 84.84                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0570 | LF  |     | C10 x 25 - 10" Wide Channel.....                      | 76.08                     | 29.15                   |
|                  |     |     | For >100 To 250, Deduct                               | -2.92                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -4.82                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -7.69                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -10.56                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 119.07                    |                         |
|                  |     |     | For Aluminum, Add                                     | 6.70                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 23.07                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 106.05                    |                         |
| 05 12 23 00-0571 | LF  |     | C10 x 30 - 10" Wide Channel.....                      | 91.29                     | 34.98                   |
|                  |     |     | For >100 To 250, Deduct                               | -3.50                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -5.78                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -9.23                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -12.68                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 142.88                    |                         |
|                  |     |     | For Aluminum, Add                                     | 8.04                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 27.68                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 127.25                    |                         |
| 05 12 23 00-0572 | LF  |     | C12 x 20.7 - 12" Wide Channel.....                    | 62.99                     | 24.14                   |
|                  |     |     | For >100 To 250, Deduct                               | -2.41                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -3.99                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -6.37                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -8.75                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 98.59                     |                         |
|                  |     |     | For Aluminum, Add                                     | 5.55                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 19.10                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 87.81                     |                         |
| 05 12 23 00-0573 | LF  |     | C12 x 25 - 12" Wide Channel.....                      | 76.08                     | 29.15                   |
|                  |     |     | For >100 To 250, Deduct                               | -2.92                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -4.82                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -7.69                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -10.56                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 119.07                    |                         |
|                  |     |     | For Aluminum, Add                                     | 6.70                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 23.07                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 106.05                    |                         |
| 05 12 23 00-0574 | LF  |     | C12 x 30 - 12" Wide Channel.....                      | 91.29                     | 34.98                   |
|                  |     |     | For >100 To 250, Deduct                               | -3.50                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -5.78                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -9.23                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -12.68                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 142.88                    |                         |
|                  |     |     | For Aluminum, Add                                     | 8.04                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 27.68                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 127.25                    |                         |
| 05 12 23 00-0575 | LF  |     | C15 x 33.9 - 15" Wide Channel.....                    | 103.16                    | 39.52                   |
|                  |     |     | For >100 To 250, Deduct                               | -3.95                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -6.53                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -10.43                    |                         |
|                  |     |     | For >1,000, Deduct                                    | -14.32                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 161.47                    |                         |
|                  |     |     | For Aluminum, Add                                     | 9.08                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 31.29                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 143.81                    |                         |
| 05 12 23 00-0576 | LF  |     | C15 x 40 - 15" Wide Channel.....                      | 121.72                    | 46.64                   |
|                  |     |     | For >100 To 250, Deduct                               | -4.66                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -7.71                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -12.30                    |                         |
|                  |     |     | For >1,000, Deduct                                    | -16.90                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 190.53                    |                         |
|                  |     |     | For Aluminum, Add                                     | 10.72                     |                         |
|                  |     |     | For Galvanized Steel, Add                             | 36.91                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 169.69                    |                         |
| 05 12 23 00-0577 | LF  |     | C15 x 50 - 15" Wide Channel.....                      | 152.15                    | 58.29                   |
|                  |     |     | For >100 To 250, Deduct                               | -5.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -9.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -15.38                    |                         |
|                  |     |     | For >1,000, Deduct                                    | -21.13                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 238.14                    |                         |
|                  |     |     | For Aluminum, Add                                     | 13.40                     |                         |
|                  |     |     | For Galvanized Steel, Add                             | 46.14                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 212.10                    |                         |
| 05 12 23 00-0578 |     |     | <b>Miscellaneous Channels - MC</b> (05 12 23 00-0422) |                           |                         |
| 05 12 23 00-0579 | LF  |     | MC6 x 12 - 6" Wide Channel.....                       | 37.84                     | 14.98                   |
|                  |     |     | For >100 To 250, Deduct                               | -1.50                     |                         |
|                  |     |     | For >250 To 500, Deduct                               | -2.44                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                             | -3.89                     |                         |
|                  |     |     | For >1,000, Deduct                                    | -5.34                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                          | 57.15                     |                         |
|                  |     |     | For Aluminum, Add                                     | 3.21                      |                         |
|                  |     |     | For Galvanized Steel, Add                             | 11.07                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                          | 50.90                     |                         |





|  |  |                          |           |  |
|--|--|--------------------------|-----------|--|
|  |  | <b>Metals</b>            | <b>05</b> |  |
|  |  | Structural Metal Framing | 05 10     |  |
|  |  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0580 | LF  |     | MC6 x 15.1 - 6" Wide Channel ..... | 47.62                     | 18.85                   |
|                  |     |     | For >100 To 250, Deduct            | -1.89                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.08                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -4.90                     |                         |
|                  |     |     | For >1,000, Deduct                 | -6.71                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 71.94                     |                         |
|                  |     |     | For Aluminum, Add                  | 4.05                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 13.94                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 64.07                     |                         |
| 05 12 23 00-0581 | LF  |     | MC6 x 15.3 - 6" Wide Channel ..... | 48.24                     | 19.10                   |
|                  |     |     | For >100 To 250, Deduct            | -1.91                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -4.96                     |                         |
|                  |     |     | For >1,000, Deduct                 | -6.80                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 72.86                     |                         |
|                  |     |     | For Aluminum, Add                  | 4.10                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 14.12                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 64.89                     |                         |
| 05 12 23 00-0582 | LF  |     | MC6 x 16.3 - 6" Wide Channel ..... | 51.40                     | 20.35                   |
|                  |     |     | For >100 To 250, Deduct            | -2.04                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.32                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -5.28                     |                         |
|                  |     |     | For >1,000, Deduct                 | -7.25                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 77.63                     |                         |
|                  |     |     | For Aluminum, Add                  | 4.37                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 15.04                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 69.14                     |                         |
| 05 12 23 00-0583 | LF  |     | MC6 x 18 - 6" Wide Channel .....   | 56.76                     | 22.47                   |
|                  |     |     | For >100 To 250, Deduct            | -2.25                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.67                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -5.84                     |                         |
|                  |     |     | For >1,000, Deduct                 | -8.00                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 85.73                     |                         |
|                  |     |     | For Aluminum, Add                  | 4.82                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 16.61                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 76.35                     |                         |
| 05 12 23 00-0584 | LF  |     | MC7 x 17.6 - 7" Wide Channel ..... | 55.39                     | 21.89                   |
|                  |     |     | For >100 To 250, Deduct            | -2.19                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.57                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -5.69                     |                         |
|                  |     |     | For >1,000, Deduct                 | -7.80                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 83.84                     |                         |
|                  |     |     | For Aluminum, Add                  | 4.72                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 16.24                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 74.67                     |                         |
| 05 12 23 00-0585 | LF  |     | MC7 x 19.1 - 7" Wide Channel ..... | 60.12                     | 23.76                   |
|                  |     |     | For >100 To 250, Deduct            | -2.38                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.88                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -6.18                     |                         |
|                  |     |     | For >1,000, Deduct                 | -8.47                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 90.98                     |                         |
|                  |     |     | For Aluminum, Add                  | 5.12                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 17.63                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 81.03                     |                         |
| 05 12 23 00-0586 | LF  |     | MC7 x 22.7 - 7" Wide Channel ..... | 71.44                     | 28.24                   |
|                  |     |     | For >100 To 250, Deduct            | -2.82                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -4.61                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -7.34                     |                         |
|                  |     |     | For >1,000, Deduct                 | -10.06                    |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 108.13                    |                         |
|                  |     |     | For Aluminum, Add                  | 6.08                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 20.95                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 96.30                     |                         |
| 05 12 23 00-0587 | LF  |     | MC8 x 8.5 - 8" Wide Channel .....  | 25.87                     | 9.91                    |
|                  |     |     | For >100 To 250, Deduct            | -0.99                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -1.64                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -2.62                     |                         |
|                  |     |     | For >1,000, Deduct                 | -3.59                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 40.48                     |                         |
|                  |     |     | For Aluminum, Add                  | 2.28                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 7.84                      |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 36.05                     |                         |
| 05 12 23 00-0588 | LF  |     | MC8 x 18.7 - 8" Wide Channel ..... | 56.90                     | 21.80                   |
|                  |     |     | For >100 To 250, Deduct            | -2.18                     |                         |
|                  |     |     | For >250 To 500, Deduct            | -3.60                     |                         |
|                  |     |     | For >500 To 1,000, Deduct          | -5.75                     |                         |
|                  |     |     | For >1,000, Deduct                 | -7.90                     |                         |
|                  |     |     | For 316 Stainless Steel, Add       | 89.06                     |                         |
|                  |     |     | For Aluminum, Add                  | 5.01                      |                         |
|                  |     |     | For Galvanized Steel, Add          | 17.25                     |                         |
|                  |     |     | For 304 Stainless Steel, Add       | 79.32                     |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0589 | LF  |     | MC8 x 20 - 8" Wide Channel.....     | 60.87                     | 23.31                   |
|                  |     |     | For >100 To 250, Deduct             | -2.33                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -3.85                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -6.15                     |                         |
|                  |     |     | For >1,000, Deduct                  | -8.45                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 95.26                     |                         |
|                  |     |     | For Aluminum, Add                   | 5.36                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 18.46                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 84.84                     |                         |
| 05 12 23 00-0590 | LF  |     | MC8 x 21.4 - 8" Wide Channel.....   | 65.13                     | 24.96                   |
|                  |     |     | For >100 To 250, Deduct             | -2.50                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -6.58                     |                         |
|                  |     |     | For >1,000, Deduct                  | -9.04                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 101.92                    |                         |
|                  |     |     | For Aluminum, Add                   | 5.73                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 19.75                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 90.77                     |                         |
| 05 12 23 00-0591 | LF  |     | MC8 x 22.8 - 8" Wide Channel.....   | 69.38                     | 26.59                   |
|                  |     |     | For >100 To 250, Deduct             | -2.66                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.39                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -7.01                     |                         |
|                  |     |     | For >1,000, Deduct                  | -9.63                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 108.61                    |                         |
|                  |     |     | For Aluminum, Add                   | 6.11                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 21.04                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 96.73                     |                         |
| 05 12 23 00-0592 | LF  |     | MC9 x 23.9 - 9" Wide Channel.....   | 72.73                     | 27.87                   |
|                  |     |     | For >100 To 250, Deduct             | -2.79                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.61                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -7.35                     |                         |
|                  |     |     | For >1,000, Deduct                  | -10.10                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 113.82                    |                         |
|                  |     |     | For Aluminum, Add                   | 6.40                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 22.05                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 101.37                    |                         |
| 05 12 23 00-0593 | LF  |     | MC9 x 25.4 - 9" Wide Channel.....   | 77.29                     | 29.61                   |
|                  |     |     | For >100 To 250, Deduct             | -2.96                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.89                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -7.81                     |                         |
|                  |     |     | For >1,000, Deduct                  | -10.73                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 120.99                    |                         |
|                  |     |     | For Aluminum, Add                   | 6.81                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 23.44                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 107.76                    |                         |
| 05 12 23 00-0594 | LF  |     | MC10 x 6.5 - 10" Wide Channel.....  | 19.78                     | 7.58                    |
|                  |     |     | For >100 To 250, Deduct             | -0.76                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -1.25                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -2.00                     |                         |
|                  |     |     | For >1,000, Deduct                  | -2.75                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 30.94                     |                         |
|                  |     |     | For Aluminum, Add                   | 1.74                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 6.00                      |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 27.56                     |                         |
| 05 12 23 00-0595 | LF  |     | MC10 x 8.4 - 10" Wide Channel.....  | 25.56                     | 9.79                    |
|                  |     |     | For >100 To 250, Deduct             | -0.98                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -1.62                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -2.58                     |                         |
|                  |     |     | For >1,000, Deduct                  | -3.55                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 40.00                     |                         |
|                  |     |     | For Aluminum, Add                   | 2.25                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 7.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 35.63                     |                         |
| 05 12 23 00-0596 | LF  |     | MC10 x 21.9 - 10" Wide Channel..... | 66.64                     | 25.54                   |
|                  |     |     | For >100 To 250, Deduct             | -2.55                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.22                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -6.74                     |                         |
|                  |     |     | For >1,000, Deduct                  | -9.25                     |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 104.32                    |                         |
|                  |     |     | For Aluminum, Add                   | 5.87                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 20.21                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 92.91                     |                         |
| 05 12 23 00-0597 | LF  |     | MC10 x 24.9 - 10" Wide Channel..... | 75.78                     | 29.04                   |
|                  |     |     | For >100 To 250, Deduct             | -2.90                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -4.80                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -7.66                     |                         |
|                  |     |     | For >1,000, Deduct                  | -10.52                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 118.59                    |                         |
|                  |     |     | For Aluminum, Add                   | 6.67                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 22.98                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 105.62                    |                         |



|  |                          |           |    |
|--|--------------------------|-----------|----|
|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR            | CSI | UOM | DESCRIPTION                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------|------------------------|----------------------|
| 05 12 23 00-0598 | LF  |     | MC10 x 25.3 - 10" Wide Channel ..... | 76.99                  | 29.50                |
|                  |     |     | For >100 To 250, Deduct              | -2.95                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -4.67                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -7.78                  |                      |
|                  |     |     | For >1,000, Deduct                   | -10.69                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 120.51                 |                      |
|                  |     |     | For Aluminum, Add                    | 6.78                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 23.35                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 107.33                 |                      |
| 05 12 23 00-0599 | LF  |     | MC10 x 28.3 - 10" Wide Channel ..... | 86.12                  | 32.99                |
|                  |     |     | For >100 To 250, Deduct              | -3.30                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -5.45                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -8.71                  |                      |
|                  |     |     | For >1,000, Deduct                   | -11.96                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 134.78                 |                      |
|                  |     |     | For Aluminum, Add                    | 7.58                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 26.11                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 120.04                 |                      |
| 05 12 23 00-0600 | LF  |     | MC10 x 28.5 - 10" Wide Channel ..... | 86.73                  | 33.23                |
|                  |     |     | For >100 To 250, Deduct              | -3.32                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -5.49                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -8.77                  |                      |
|                  |     |     | For >1,000, Deduct                   | -12.04                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 135.74                 |                      |
|                  |     |     | For Aluminum, Add                    | 7.64                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 26.30                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 120.90                 |                      |
| 05 12 23 00-0601 | LF  |     | MC10 x 33.6 - 10" Wide Channel ..... | 102.25                 | 39.18                |
|                  |     |     | For >100 To 250, Deduct              | -3.92                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -6.47                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -10.34                 |                      |
|                  |     |     | For >1,000, Deduct                   | -14.20                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 160.03                 |                      |
|                  |     |     | For Aluminum, Add                    | 9.00                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 31.01                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 142.53                 |                      |
| 05 12 23 00-0602 | LF  |     | MC10 x 41.1 - 10" Wide Channel ..... | 125.07                 | 47.93                |
|                  |     |     | For >100 To 250, Deduct              | -4.79                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -7.92                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -12.64                 |                      |
|                  |     |     | For >1,000, Deduct                   | -17.37                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 195.78                 |                      |
|                  |     |     | For Aluminum, Add                    | 11.01                  |                      |
|                  |     |     | For Galvanized Steel, Add            | 37.93                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 174.36                 |                      |
| 05 12 23 00-0603 | LF  |     | MC12 x 30.9 - 12" Wide Channel ..... | 94.04                  | 36.03                |
|                  |     |     | For >100 To 250, Deduct              | -3.60                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -5.95                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -9.51                  |                      |
|                  |     |     | For >1,000, Deduct                   | -13.06                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 147.17                 |                      |
|                  |     |     | For Aluminum, Add                    | 8.28                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 28.51                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 131.07                 |                      |
| 05 12 23 00-0604 | LF  |     | MC12 x 32.9 - 12" Wide Channel ..... | 100.12                 | 38.35                |
|                  |     |     | For >100 To 250, Deduct              | -3.84                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -6.34                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -10.12                 |                      |
|                  |     |     | For >1,000, Deduct                   | -13.90                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 156.70                 |                      |
|                  |     |     | For Aluminum, Add                    | 8.81                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 30.36                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 139.56                 |                      |
| 05 12 23 00-0605 | LF  |     | MC12 x 35 - 12" Wide Channel .....   | 106.51                 | 40.80                |
|                  |     |     | For >100 To 250, Deduct              | -4.08                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -6.74                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -10.77                 |                      |
|                  |     |     | For >1,000, Deduct                   | -14.79                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 166.72                 |                      |
|                  |     |     | For Aluminum, Add                    | 9.38                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 32.30                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 148.49                 |                      |
| 05 12 23 00-0606 | LF  |     | MC12 x 37 - 12" Wide Channel .....   | 112.60                 | 43.14                |
|                  |     |     | For >100 To 250, Deduct              | -4.31                  |                      |
|                  |     |     | For >250 To 500, Deduct              | -7.13                  |                      |
|                  |     |     | For >500 To 1,000, Deduct            | -11.38                 |                      |
|                  |     |     | For >1,000, Deduct                   | -15.64                 |                      |
|                  |     |     | For 316 Stainless Steel, Add         | 176.22                 |                      |
|                  |     |     | For Aluminum, Add                    | 9.91                   |                      |
|                  |     |     | For Galvanized Steel, Add            | 34.14                  |                      |
|                  |     |     | For 304 Stainless Steel, Add         | 156.95                 |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0607 | LF  |     | MC12 x 40 - 12" Wide Channel.....   | 121.72                    | 46.64                   |
|                  |     |     | For >100 To 250, Deduct             | -4.66                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -7.71                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -12.30                    |                         |
|                  |     |     | For >1,000, Deduct                  | -16.90                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 190.53                    |                         |
|                  |     |     | For Aluminum, Add                   | 10.72                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 36.91                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 169.69                    |                         |
| 05 12 23 00-0608 | LF  |     | MC12 x 45 - 12" Wide Channel.....   | 136.94                    | 52.47                   |
|                  |     |     | For >100 To 250, Deduct             | -5.25                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -8.67                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -13.84                    |                         |
|                  |     |     | For >1,000, Deduct                  | -19.02                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 214.34                    |                         |
|                  |     |     | For Aluminum, Add                   | 12.06                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 41.53                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 190.89                    |                         |
| 05 12 23 00-0609 | LF  |     | MC12 x 50 - 12" Wide Channel.....   | 152.15                    | 58.30                   |
|                  |     |     | For >100 To 250, Deduct             | -5.83                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -9.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -15.38                    |                         |
|                  |     |     | For >1,000, Deduct                  | -21.13                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 238.14                    |                         |
|                  |     |     | For Aluminum, Add                   | 13.40                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 46.14                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 212.10                    |                         |
| 05 12 23 00-0610 | LF  |     | MC13 x 31.8 - 13" Wide Channel..... | 96.77                     | 37.08                   |
|                  |     |     | For >100 To 250, Deduct             | -3.71                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -6.13                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -9.78                     |                         |
|                  |     |     | For >1,000, Deduct                  | -13.44                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 151.46                    |                         |
|                  |     |     | For Aluminum, Add                   | 8.52                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 29.34                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 134.89                    |                         |
| 05 12 23 00-0611 | LF  |     | MC13 x 35 - 13" Wide Channel.....   | 106.51                    | 40.80                   |
|                  |     |     | For >100 To 250, Deduct             | -4.08                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -6.74                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -10.77                    |                         |
|                  |     |     | For >1,000, Deduct                  | -14.79                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 166.72                    |                         |
|                  |     |     | For Aluminum, Add                   | 9.38                      |                         |
|                  |     |     | For Galvanized Steel, Add           | 32.30                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 148.49                    |                         |
| 05 12 23 00-0612 | LF  |     | MC13 x 40 - 13" Wide Channel.....   | 121.72                    | 46.64                   |
|                  |     |     | For >100 To 250, Deduct             | -4.66                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -7.71                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -12.30                    |                         |
|                  |     |     | For >1,000, Deduct                  | -16.90                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 190.53                    |                         |
|                  |     |     | For Aluminum, Add                   | 10.72                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 36.91                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 169.69                    |                         |
| 05 12 23 00-0613 | LF  |     | MC13 x 50 - 13" Wide Channel.....   | 152.15                    | 58.30                   |
|                  |     |     | For >100 To 250, Deduct             | -5.83                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -9.63                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -15.38                    |                         |
|                  |     |     | For >1,000, Deduct                  | -21.13                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 238.14                    |                         |
|                  |     |     | For Aluminum, Add                   | 13.40                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 46.14                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 212.10                    |                         |
| 05 12 23 00-0614 | LF  |     | MC18 x 42.7 - 18" Wide Channel..... | 129.94                    | 49.79                   |
|                  |     |     | For >100 To 250, Deduct             | -4.98                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -8.23                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -13.14                    |                         |
|                  |     |     | For >1,000, Deduct                  | -18.04                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 203.39                    |                         |
|                  |     |     | For Aluminum, Add                   | 11.44                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 39.41                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 181.15                    |                         |
| 05 12 23 00-0615 | LF  |     | MC18 x 45.8 - 18" Wide Channel..... | 139.37                    | 53.41                   |
|                  |     |     | For >100 To 250, Deduct             | -5.34                     |                         |
|                  |     |     | For >250 To 500, Deduct             | -8.82                     |                         |
|                  |     |     | For >500 To 1,000, Deduct           | -14.09                    |                         |
|                  |     |     | For >1,000, Deduct                  | -19.35                    |                         |
|                  |     |     | For 316 Stainless Steel, Add        | 218.14                    |                         |
|                  |     |     | For Aluminum, Add                   | 12.27                     |                         |
|                  |     |     | For Galvanized Steel, Add           | 42.27                     |                         |
|                  |     |     | For 304 Stainless Steel, Add        | 194.28                    |                         |



|  |                          |           |    |
|--|--------------------------|-----------|----|
|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR            | CSI | UOM | DESCRIPTION                                     | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0616 | LF  |     | MC18 x 51.9 - 18" Wide Channel .....            | 157.94                 | 60.51                |
|                  |     |     | For >100 To 250, Deduct                         | -6.05                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -10.00                 |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -15.97                 |                      |
|                  |     |     | For >1,000, Deduct                              | -21.93                 |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 247.20                 |                      |
|                  |     |     | For Aluminum, Add                               | 13.91                  |                      |
|                  |     |     | For Galvanized Steel, Add                       | 47.90                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 220.16                 |                      |
| 05 12 23 00-0617 | LF  |     | MC18 x 58 - 18" Wide Channel .....              | 176.50                 | 67.62                |
|                  |     |     | For >100 To 250, Deduct                         | -6.76                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -11.18                 |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -17.84                 |                      |
|                  |     |     | For >1,000, Deduct                              | -24.51                 |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 276.26                 |                      |
|                  |     |     | For Aluminum, Add                               | 15.54                  |                      |
|                  |     |     | For Galvanized Steel, Add                       | 53.52                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 246.04                 |                      |
| 05 12 23 00-0618 |     |     | Structural Bar Tees (05 12 23 00-0422)          |                        |                      |
| 05 12 23 00-0619 | LF  |     | 3/4" x 3/4" x 1/8" Structural Bar Tee .....     | 5.33                   | 3.10                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.31                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -0.44                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -0.68                  |                      |
|                  |     |     | For >1,000, Deduct                              | -0.92                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 3.84                   |                      |
|                  |     |     | For Aluminum, Add                               | 0.22                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 0.74                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 3.42                   |                      |
| 05 12 23 00-0620 | LF  |     | 1" x 1" x 1/8" Structural Bar Tee .....         | 6.53                   | 3.66                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.37                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -0.53                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -0.81                  |                      |
|                  |     |     | For >1,000, Deduct                              | -1.10                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 5.28                   |                      |
|                  |     |     | For Aluminum, Add                               | 0.30                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 1.02                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 4.70                   |                      |
| 05 12 23 00-0621 | LF  |     | 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee ..... | 10.35                  | 4.22                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.42                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -0.68                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -1.08                  |                      |
|                  |     |     | For >1,000, Deduct                              | -1.48                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 15.10                  |                      |
|                  |     |     | For Aluminum, Add                               | 0.85                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 2.93                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 13.45                  |                      |
| 05 12 23 00-0622 | LF  |     | 2" x 2" x 1/4" Structural Bar Tee .....         | 14.39                  | 5.52                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.55                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -0.91                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -1.46                  |                      |
|                  |     |     | For >1,000, Deduct                              | -2.00                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 22.50                  |                      |
|                  |     |     | For Aluminum, Add                               | 1.27                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 4.36                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 20.04                  |                      |
| 05 12 23 00-0623 | LF  |     | 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee ..... | 21.51                  | 6.66                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.67                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -1.20                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -1.96                  |                      |
|                  |     |     | For >1,000, Deduct                              | -2.72                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 40.38                  |                      |
|                  |     |     | For Aluminum, Add                               | 2.27                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 7.82                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 35.97                  |                      |
| 05 12 23 00-0624 | LF  |     | 3" x 3" x 3/8" Structural Bar Tee .....         | 26.52                  | 8.53                 |
|                  |     |     | For >100 To 250, Deduct                         | -0.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                         | -1.52                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                       | -2.46                  |                      |
|                  |     |     | For >1,000, Deduct                              | -3.41                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                    | 48.48                  |                      |
|                  |     |     | For Aluminum, Add                               | 2.73                   |                      |
|                  |     |     | For Galvanized Steel, Add                       | 9.39                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                    | 43.18                  |                      |

05 12 23 00-0625 Structural Zees (05 12 23 00-0422)

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0626 | LF  |     | 1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee..... | 12.67                     | 4.22                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.42                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -0.74                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -1.20                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -1.65                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 22.53                     |                         |
|                  |     |     | For Aluminum, Add                                    | 1.27                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 4.36                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 20.06                     |                         |
| 05 12 23 00-0627 | LF  |     | 2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....  | 23.56                     | 5.04                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.50                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.09                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -1.85                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -2.61                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 53.89                     |                         |
|                  |     |     | For Aluminum, Add                                    | 3.03                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 10.44                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 47.99                     |                         |
| 05 12 23 00-0628 | LF  |     | 3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....    | 28.20                     | 5.69                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.57                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.27                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -2.17                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -3.06                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 65.95                     |                         |
|                  |     |     | For Aluminum, Add                                    | 3.71                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 12.78                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 58.74                     |                         |
| 05 12 23 00-0629 | LF  |     | 3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....     | 37.81                     | 6.50                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.65                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.59                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -2.76                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -3.92                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 93.28                     |                         |
|                  |     |     | For Aluminum, Add                                    | 5.25                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 18.07                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 83.08                     |                         |
| 05 12 23 00-0630 | LF  |     | 3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....      | 48.89                     | 7.07                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.71                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.93                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -3.39                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -4.85                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 126.27                    |                         |
|                  |     |     | For Aluminum, Add                                    | 7.10                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 24.47                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 112.46                    |                         |
| 05 12 23 00-0631 |     |     | <b>Junior I-Beams</b> (05 12 23 00-0422)             |                           |                         |
| 05 12 23 00-0632 | LF  |     | 3" Junior I-Beam, 2.9 LB/LF.....                     | 17.41                     | 6.10                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.61                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.05                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -1.68                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -2.32                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 29.70                     |                         |
|                  |     |     | For Aluminum, Add                                    | 1.67                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 5.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 26.45                     |                         |
| 05 12 23 00-0633 | LF  |     | 4" Junior I-Beam, 3.2 LB/LF.....                     | 19.13                     | 6.66                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.67                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.15                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -1.85                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -2.55                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 32.77                     |                         |
|                  |     |     | For Aluminum, Add                                    | 1.84                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 6.35                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 29.18                     |                         |
| 05 12 23 00-0634 | LF  |     | 5" Junior I-Beam, 3.8 LB/LF.....                     | 21.90                     | 7.31                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.73                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.28                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -2.07                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -2.86                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 38.88                     |                         |
|                  |     |     | For Aluminum, Add                                    | 2.19                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 7.53                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 34.63                     |                         |
| 05 12 23 00-0635 | LF  |     | 6" Junior I-Beam, 4.4 LB/LF.....                     | 24.69                     | 7.96                    |
|                  |     |     | For >100 To 250, Deduct                              | -0.80                     |                         |
|                  |     |     | For >250 To 500, Deduct                              | -1.41                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                            | -2.30                     |                         |
|                  |     |     | For >1,000, Deduct                                   | -3.18                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                         | 45.02                     |                         |
|                  |     |     | For Aluminum, Add                                    | 2.53                      |                         |
|                  |     |     | For Galvanized Steel, Add                            | 8.72                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                         | 40.10                     |                         |



|  |  |                          |           |  |
|--|--|--------------------------|-----------|--|
|  |  | <b>Metals</b>            | <b>05</b> |  |
|  |  | Structural Metal Framing | 05 10     |  |
|  |  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM                                   | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------|-------------|------------------------|----------------------|
| 05 12 23 00-0636 | LF  | 7" Junior I-Beam, 5.5 LB/LF           |             | 28.96                  | 8.53                 |
|                  |     | For >100 To 250, Deduct               |             | -0.85                  |                      |
|                  |     | For >250 To 500, Deduct               |             | -1.58                  |                      |
|                  |     | For >500 To 1,000, Deduct             |             | -2.59                  |                      |
|                  |     | For >1,000, Deduct                    |             | -3.59                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 56.29                  |                      |
|                  |     | For Aluminum, Add                     |             | 3.17                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 10.91                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 50.13                  |                      |
| 05 12 23 00-0637 | LF  | 8" Junior I-Beam, 6.5 LB/LF           |             | 32.92                  | 9.10                 |
|                  |     | For >100 To 250, Deduct               |             | -0.91                  |                      |
|                  |     | For >250 To 500, Deduct               |             | -1.73                  |                      |
|                  |     | For >500 To 1,000, Deduct             |             | -2.86                  |                      |
|                  |     | For >1,000, Deduct                    |             | -3.99                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 66.53                  |                      |
|                  |     | For Aluminum, Add                     |             | 3.74                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 12.89                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 59.25                  |                      |
| 05 12 23 00-0638 | LF  | 10" Junior I-Beam, 9 LB/LF            |             | 42.66                  | 10.40                |
|                  |     | For >100 To 250, Deduct               |             | -1.04                  |                      |
|                  |     | For >250 To 500, Deduct               |             | -2.11                  |                      |
|                  |     | For >500 To 1,000, Deduct             |             | -3.52                  |                      |
|                  |     | For >1,000, Deduct                    |             | -4.93                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 92.13                  |                      |
|                  |     | For Aluminum, Add                     |             | 5.18                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 17.85                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 82.05                  |                      |
| 05 12 23 00-0639 | LF  | 12" Junior I-Beam, 11.8 LB/LF         |             | 54.21                  | 12.35                |
|                  |     | For >100 To 250, Deduct               |             | -1.24                  |                      |
|                  |     | For >250 To 500, Deduct               |             | -2.59                  |                      |
|                  |     | For >500 To 1,000, Deduct             |             | -4.36                  |                      |
|                  |     | For >1,000, Deduct                    |             | -6.12                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 120.77                 |                      |
|                  |     | For Aluminum, Add                     |             | 6.79                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 23.40                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 107.56                 |                      |
| 05 12 23 00-0640 |     | Round Stock (05 12 23 00-0422)        |             |                        |                      |
| 05 12 23 00-0641 | LF  | 1/4" Carbon Steel Rounds, ASTM A108   |             | 2.62                   |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 4.90                   |                      |
|                  |     | For Aluminum, Add                     |             | 0.28                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 0.95                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 4.36                   |                      |
| 05 12 23 00-0642 | LF  | 3/8" Carbon Steel Rounds, ASTM A108   |             | 4.25                   |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 9.66                   |                      |
|                  |     | For Aluminum, Add                     |             | 0.54                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 1.87                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 8.61                   |                      |
| 05 12 23 00-0643 | LF  | 1/2" Carbon Steel Rounds, ASTM A108   |             | 5.94                   |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 14.69                  |                      |
|                  |     | For Aluminum, Add                     |             | 0.83                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 2.85                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 13.08                  |                      |
| 05 12 23 00-0644 | LF  | 5/8" Carbon Steel Rounds, ASTM A108   |             | 9.16                   |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 24.51                  |                      |
|                  |     | For Aluminum, Add                     |             | 1.38                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 4.75                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 21.83                  |                      |
| 05 12 23 00-0645 | LF  | 3/4" Carbon Steel Rounds, ASTM A108   |             | 10.89                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 29.09                  |                      |
|                  |     | For Aluminum, Add                     |             | 1.64                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 5.64                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 25.91                  |                      |
| 05 12 23 00-0646 | LF  | 7/8" Carbon Steel Rounds, ASTM A108   |             | 12.72                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 34.02                  |                      |
|                  |     | For Aluminum, Add                     |             | 1.91                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 6.59                   |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 30.30                  |                      |
| 05 12 23 00-0647 | LF  | 1" Carbon Steel Rounds, ASTM A108     |             | 18.65                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 51.81                  |                      |
|                  |     | For Aluminum, Add                     |             | 2.91                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 10.04                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 46.14                  |                      |
| 05 12 23 00-0648 | LF  | 1-1/8" Carbon Steel Rounds, ASTM A108 |             | 22.68                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 62.94                  |                      |
|                  |     | For Aluminum, Add                     |             | 3.54                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 12.20                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 56.06                  |                      |
| 05 12 23 00-0649 | LF  | 1-1/4" Carbon Steel Rounds, ASTM A108 |             | 27.02                  |                      |
|                  |     | For 316 Stainless Steel, Add          |             | 74.08                  |                      |
|                  |     | For Aluminum, Add                     |             | 4.17                   |                      |
|                  |     | For Galvanized Steel, Add             |             | 14.35                  |                      |
|                  |     | For 304 Stainless Steel, Add          |             | 65.98                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0650 | LF  | 1-3/8" Carbon Steel Rounds, ASTM A108..... | 32.77                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 90.43                     |                         |
|                  |     | For Aluminum, Add                          | 5.09                      |                         |
|                  |     | For Galvanized Steel, Add                  | 17.52                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 80.54                     |                         |
| 05 12 23 00-0651 | LF  | 1-1/2" Carbon Steel Rounds, ASTM A108..... | 36.41                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 99.17                     |                         |
|                  |     | For Aluminum, Add                          | 5.58                      |                         |
|                  |     | For Galvanized Steel, Add                  | 19.21                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 88.32                     |                         |
| 05 12 23 00-0652 | LF  | 1-5/8" Carbon Steel Rounds, ASTM A108..... | 41.89                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 112.38                    |                         |
|                  |     | For Aluminum, Add                          | 6.32                      |                         |
|                  |     | For Galvanized Steel, Add                  | 21.77                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 100.09                    |                         |
| 05 12 23 00-0653 | LF  | 1-3/4" Carbon Steel Rounds, ASTM A108..... | 49.91                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 130.82                    |                         |
|                  |     | For Aluminum, Add                          | 7.36                      |                         |
|                  |     | For Galvanized Steel, Add                  | 25.35                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 116.51                    |                         |
| 05 12 23 00-0654 | LF  | 1-7/8" Carbon Steel Rounds, ASTM A108..... | 59.80                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 153.22                    |                         |
|                  |     | For Aluminum, Add                          | 8.62                      |                         |
|                  |     | For Galvanized Steel, Add                  | 29.69                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 136.46                    |                         |
| 05 12 23 00-0655 | LF  | 2" Carbon Steel Rounds, ASTM A108.....     | 67.99                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 170.43                    |                         |
|                  |     | For Aluminum, Add                          | 9.59                      |                         |
|                  |     | For Galvanized Steel, Add                  | 33.02                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 151.79                    |                         |
| 05 12 23 00-0656 | LF  | 2-1/8" Carbon Steel Rounds, ASTM A108..... | 79.13                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 194.66                    |                         |
|                  |     | For Aluminum, Add                          | 10.95                     |                         |
|                  |     | For Galvanized Steel, Add                  | 37.71                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 173.37                    |                         |
| 05 12 23 00-0657 | LF  | 2-1/4" Carbon Steel Rounds, ASTM A108..... | 89.42                     |                         |
|                  |     | For 316 Stainless Steel, Add               | 218.85                    |                         |
|                  |     | For Aluminum, Add                          | 12.31                     |                         |
|                  |     | For Galvanized Steel, Add                  | 42.40                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 194.91                    |                         |
| 05 12 23 00-0658 | LF  | 2-3/8" Carbon Steel Rounds, ASTM A108..... | 102.42                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 250.34                    |                         |
|                  |     | For Aluminum, Add                          | 14.08                     |                         |
|                  |     | For Galvanized Steel, Add                  | 48.50                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 222.96                    |                         |
| 05 12 23 00-0659 | LF  | 2-1/2" Carbon Steel Rounds, ASTM A108..... | 112.71                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 269.79                    |                         |
|                  |     | For Aluminum, Add                          | 15.18                     |                         |
|                  |     | For Galvanized Steel, Add                  | 52.27                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 240.28                    |                         |
| 05 12 23 00-0660 | LF  | 2-5/8" Carbon Steel Rounds, ASTM A108..... | 138.64                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 342.69                    |                         |
|                  |     | For Aluminum, Add                          | 19.28                     |                         |
|                  |     | For Galvanized Steel, Add                  | 66.40                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 305.21                    |                         |
| 05 12 23 00-0661 | LF  | 2-3/4" Carbon Steel Rounds, ASTM A108..... | 157.89                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 390.78                    |                         |
|                  |     | For Aluminum, Add                          | 21.98                     |                         |
|                  |     | For Galvanized Steel, Add                  | 75.71                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 348.04                    |                         |
| 05 12 23 00-0662 | LF  | 2-7/8" Carbon Steel Rounds, ASTM A108..... | 176.06                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 435.49                    |                         |
|                  |     | For Aluminum, Add                          | 24.50                     |                         |
|                  |     | For Galvanized Steel, Add                  | 84.38                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 387.86                    |                         |
| 05 12 23 00-0663 | LF  | 3" Carbon Steel Rounds, ASTM A108.....     | 184.35                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 448.54                    |                         |
|                  |     | For Aluminum, Add                          | 25.23                     |                         |
|                  |     | For Galvanized Steel, Add                  | 86.91                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 399.48                    |                         |
| 05 12 23 00-0664 | LF  | 3-1/8" Carbon Steel Rounds, ASTM A108..... | 191.67                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 458.50                    |                         |
|                  |     | For Aluminum, Add                          | 25.79                     |                         |
|                  |     | For Galvanized Steel, Add                  | 88.83                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 408.35                    |                         |
| 05 12 23 00-0665 | LF  | 3-1/4" Carbon Steel Rounds, ASTM A108..... | 201.71                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 477.18                    |                         |
|                  |     | For Aluminum, Add                          | 26.84                     |                         |
|                  |     | For Galvanized Steel, Add                  | 92.45                     |                         |
|                  |     | For 304 Stainless Steel, Add               | 424.99                    |                         |
| 05 12 23 00-0666 | LF  | 3-1/2" Carbon Steel Rounds, ASTM A108..... | 247.07                    |                         |
|                  |     | For 316 Stainless Steel, Add               | 605.47                    |                         |
|                  |     | For Aluminum, Add                          | 34.06                     |                         |
|                  |     | For Galvanized Steel, Add                  | 117.31                    |                         |
|                  |     | For 304 Stainless Steel, Add               | 539.25                    |                         |





|  |                          |           |    |
|--|--------------------------|-----------|----|
|  | <b>Metals</b>            | <b>05</b> |    |
|  | Structural Metal Framing | 05 10     | 05 |
|  | Structural Steel Framing | 05 12     |    |

| MINOR            | CSI | UOM | DESCRIPTION                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0667 | LF  |     | 3-5/8" Carbon Steel Rounds, ASTM A108.....     | 274.78                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 677.34                    |                         |
|                  |     |     | For Aluminum, Add                              | 38.10                     |                         |
|                  |     |     | For Galvanized Steel, Add                      | 131.24                    |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 603.26                    |                         |
| 05 12 23 00-0668 | LF  |     | 3-3/4" Carbon Steel Rounds, ASTM A108.....     | 294.80                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 724.54                    |                         |
|                  |     |     | For Aluminum, Add                              | 40.76                     |                         |
|                  |     |     | For Galvanized Steel, Add                      | 140.38                    |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 645.30                    |                         |
| 05 12 23 00-0669 | LF  |     | 4" Carbon Steel Rounds, ASTM A108.....         | 331.42                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 824.93                    |                         |
|                  |     |     | For Aluminum, Add                              | 46.40                     |                         |
|                  |     |     | For Galvanized Steel, Add                      | 159.83                    |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 734.70                    |                         |
| 05 12 23 00-0670 |     |     | <b>Square Stock</b> (05 12 23 00-0422)         |                           |                         |
| 05 12 23 00-0671 | LF  |     | 3/8" Square Bar Stock.....                     | 1.94                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 2.27                      |                         |
|                  |     |     | For Aluminum, Add                              | 0.13                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 0.44                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 2.02                      |                         |
| 05 12 23 00-0672 | LF  |     | 1/2" Square Bar Stock.....                     | 2.61                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 4.03                      |                         |
|                  |     |     | For Aluminum, Add                              | 0.23                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 0.78                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 3.59                      |                         |
| 05 12 23 00-0673 | LF  |     | 5/8" Square Bar Stock.....                     | 3.46                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 6.27                      |                         |
|                  |     |     | For Aluminum, Add                              | 0.35                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 1.22                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 5.59                      |                         |
| 05 12 23 00-0674 | LF  |     | 3/4" Square Bar Stock.....                     | 4.63                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 9.06                      |                         |
|                  |     |     | For Aluminum, Add                              | 0.51                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 1.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 8.07                      |                         |
| 05 12 23 00-0675 | LF  |     | 7/8" Square Bar Stock.....                     | 6.04                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 12.64                     |                         |
|                  |     |     | For Aluminum, Add                              | 0.71                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 2.45                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 11.26                     |                         |
| 05 12 23 00-0676 | LF  |     | 1" Square Bar Stock.....                       | 7.51                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 16.16                     |                         |
|                  |     |     | For Aluminum, Add                              | 0.91                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 3.13                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 14.39                     |                         |
| 05 12 23 00-0677 | LF  |     | 1-1/4" Square Bar Stock.....                   | 11.75                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 25.22                     |                         |
|                  |     |     | For Aluminum, Add                              | 1.42                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 4.89                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 22.46                     |                         |
| 05 12 23 00-0678 | LF  |     | 1-1/2" Square Bar Stock.....                   | 16.77                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 36.32                     |                         |
|                  |     |     | For Aluminum, Add                              | 2.04                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 7.04                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 32.35                     |                         |
| 05 12 23 00-0679 | LF  |     | 1-3/4" Square Bar Stock.....                   | 24.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 50.53                     |                         |
|                  |     |     | For Aluminum, Add                              | 2.84                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 9.79                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 45.00                     |                         |
| 05 12 23 00-0680 | LF  |     | 2" Square Bar Stock.....                       | 35.37                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 64.64                     |                         |
|                  |     |     | For Aluminum, Add                              | 3.64                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 12.52                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 57.57                     |                         |
| 05 12 23 00-0681 |     |     | <b>Steel Tubing</b> (05 12 23 00-0422)         |                           |                         |
|                  |     |     | Note: General purpose low-carbon steel.        |                           |                         |
| 05 12 23 00-0682 |     |     | <b>Square Steel Tubing</b> (05 12 23 00-0681)  |                           |                         |
| 05 12 23 00-0683 |     |     | <b>0.06" Wall Thickness</b> (05 12 23 00-0682) |                           |                         |
| 05 12 23 00-0684 | LF  |     | 1/2" x 1/2" x 0.06" Square Steel Tubing.....   | 2.64                      | 0.58                    |
|                  |     |     | For >100 To 250, Deduct                        | -0.06                     |                         |
|                  |     |     | For >250 To 500, Deduct                        | -0.12                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                      | -0.21                     |                         |
|                  |     |     | For >1,000, Deduct                             | -0.30                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                   | 5.95                      |                         |
|                  |     |     | For Aluminum, Add                              | 0.33                      |                         |
|                  |     |     | For Galvanized Steel, Add                      | 1.15                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                   | 5.30                      |                         |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM                                          | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------|-------------|---------------------------|-------------------------|
| 05 12 23 00-0685 | LF  | 3/4" x 3/4" x 0.06" Square Steel Tubing      | .....       | 4.05                      | 0.92                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.09                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.19                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.32                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.46                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 9.06                      |                         |
|                  |     | For Aluminum, Add                            | .....       | 0.51                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 1.75                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 8.07                      |                         |
| 05 12 23 00-0686 | LF  | 1" x 1" x 0.06" Square Steel Tubing          | .....       | 5.44                      | 1.66                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.12                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.26                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.44                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.62                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 12.10                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 0.68                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 2.34                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 10.77                     |                         |
| 05 12 23 00-0687 | LF  | 1-1/4" x 1-1/4" x 0.06" Square Steel Tubing  | .....       | 7.20                      | 1.58                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.16                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.34                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.57                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.80                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 16.29                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 0.92                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 3.16                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 14.51                     |                         |
| 05 12 23 00-0688 | LF  | 1-1/2" x 1-1/2" x 0.06" Square Steel Tubing  | .....       | 8.53                      | 1.91                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.19                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.40                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.68                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.96                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 19.14                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 1.08                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 3.71                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 17.04                     |                         |
| 05 12 23 00-0689 |     | 0.083" Wall Thickness (05 12 23 00-0692)     |             |                           |                         |
| 05 12 23 00-0690 | LF  | 3/4" x 3/4" x 0.083" Square Steel Tubing     | .....       | 4.71                      | 1.07                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.11                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.23                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.38                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.53                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 10.50                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 0.59                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 2.03                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 9.35                      |                         |
| 05 12 23 00-0691 | LF  | 1" x 1" x 0.083" Square Steel Tubing         | .....       | 6.86                      | 1.47                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.15                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.32                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.54                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.76                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 15.68                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 0.88                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 3.04                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 13.97                     |                         |
| 05 12 23 00-0692 | LF  | 1-1/4" x 1-1/4" x 0.083" Square Steel Tubing | .....       | 8.29                      | 1.87                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.19                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.39                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.66                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -0.93                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 18.53                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 1.04                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 3.59                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 16.50                     |                         |
| 05 12 23 00-0693 | LF  | 1-1/2" x 1-1/2" x 0.083" Square Steel Tubing | .....       | 10.02                     | 2.28                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.23                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.48                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -0.80                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -1.13                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 22.37                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 1.26                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 4.33                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 19.92                     |                         |
| 05 12 23 00-0694 | LF  | 2" x 2" x 0.083" Square Steel Tubing         | .....       | 12.84                     | 3.03                    |
|                  |     | For >100 To 250, Deduct                      | .....       | -0.30                     |                         |
|                  |     | For >250 To 500, Deduct                      | .....       | -0.62                     |                         |
|                  |     | For >500 To 1,000, Deduct                    | .....       | -1.05                     |                         |
|                  |     | For >1,000, Deduct                           | .....       | -1.47                     |                         |
|                  |     | For 316 Stainless Steel, Add                 | .....       | 28.13                     |                         |
|                  |     | For Aluminum, Add                            | .....       | 1.58                      |                         |
|                  |     | For Galvanized Steel, Add                    | .....       | 5.45                      |                         |
|                  |     | For 304 Stainless Steel, Add                 | .....       | 25.05                     |                         |



|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Structural Steel Framing | 05 12     |           |

| MINOR            |                                                      | TOTAL DIRECT |           | DEMOLITION |
|------------------|------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                      | UNIT COST    | UNIT COST | UNIT COST  |
| 05 12 23 00-0695 | 0.12" Wall Thickness (05 12 23 00-0682)              |              |           |            |
| 05 12 23 00-0696 | LF 1" x 1" x 0.12" Square Steel Tubing.....          | 7.57         |           | 1.75       |
|                  | For >100 To 250, Deduct                              | -0.18        |           |            |
|                  | For >250 To 500, Deduct                              | -0.36        |           |            |
|                  | For >500 To 1,000, Deduct                            | -0.61        |           |            |
|                  | For >1,000, Deduct                                   | -0.86        |           |            |
|                  | For 316 Stainless Steel, Add                         | 16.74        |           |            |
|                  | For Aluminum, Add                                    | 0.94         |           |            |
|                  | For Galvanized Steel, Add                            | 3.24         |           |            |
|                  | For 304 Stainless Steel, Add                         | 14.91        |           |            |
| 05 12 23 00-0697 | LF 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing ..... | 9.75         |           | 2.25       |
|                  | For >100 To 250, Deduct                              | -0.23        |           |            |
|                  | For >250 To 500, Deduct                              | -0.47        |           |            |
|                  | For >500 To 1,000, Deduct                            | -0.79        |           |            |
|                  | For >1,000, Deduct                                   | -1.11        |           |            |
|                  | For 316 Stainless Steel, Add                         | 21.60        |           |            |
|                  | For Aluminum, Add                                    | 1.22         |           |            |
|                  | For Galvanized Steel, Add                            | 4.19         |           |            |
|                  | For 304 Stainless Steel, Add                         | 19.24        |           |            |
| 05 12 23 00-0698 | LF 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing ..... | 11.97        |           | 2.75       |
|                  | For >100 To 250, Deduct                              | -0.28        |           |            |
|                  | For >250 To 500, Deduct                              | -0.57        |           |            |
|                  | For >500 To 1,000, Deduct                            | -0.97        |           |            |
|                  | For >1,000, Deduct                                   | -1.36        |           |            |
|                  | For 316 Stainless Steel, Add                         | 26.56        |           |            |
|                  | For Aluminum, Add                                    | 1.49         |           |            |
|                  | For Galvanized Steel, Add                            | 5.15         |           |            |
|                  | For 304 Stainless Steel, Add                         | 23.66        |           |            |
| 05 12 23 00-0699 | LF 2" x 2" x 0.12" Square Steel Tubing.....          | 16.19        |           | 3.75       |
|                  | For >100 To 250, Deduct                              | -0.37        |           |            |
|                  | For >250 To 500, Deduct                              | -0.78        |           |            |
|                  | For >500 To 1,000, Deduct                            | -1.31        |           |            |
|                  | For >1,000, Deduct                                   | -1.84        |           |            |
|                  | For 316 Stainless Steel, Add                         | 35.84        |           |            |
|                  | For Aluminum, Add                                    | 2.02         |           |            |
|                  | For Galvanized Steel, Add                            | 6.94         |           |            |
|                  | For 304 Stainless Steel, Add                         | 31.92        |           |            |
| 05 12 23 00-0700 | 1/8" Wall Thickness (05 12 23 00-0682)               |              |           |            |
| 05 12 23 00-0701 | LF 2" x 2" x 1/8" Square Steel Tubing.....           | 14.53        |           | 3.89       |
|                  | For >100 To 250, Deduct                              | -0.39        |           |            |
|                  | For >250 To 500, Deduct                              | -0.75        |           |            |
|                  | For >500 To 1,000, Deduct                            | -1.25        |           |            |
|                  | For >1,000, Deduct                                   | -1.74        |           |            |
|                  | For 316 Stainless Steel, Add                         | 29.89        |           |            |
|                  | For Aluminum, Add                                    | 1.68         |           |            |
|                  | For Galvanized Steel, Add                            | 5.79         |           |            |
|                  | For 304 Stainless Steel, Add                         | 26.62        |           |            |
| 05 12 23 00-0702 | LF 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing .....  | 19.18        |           | 4.93       |
|                  | For >100 To 250, Deduct                              | -0.49        |           |            |
|                  | For >250 To 500, Deduct                              | -0.97        |           |            |
|                  | For >500 To 1,000, Deduct                            | -1.62        |           |            |
|                  | For >1,000, Deduct                                   | -2.26        |           |            |
|                  | For 316 Stainless Steel, Add                         | 40.35        |           |            |
|                  | For Aluminum, Add                                    | 2.27         |           |            |
|                  | For Galvanized Steel, Add                            | 7.82         |           |            |
|                  | For 304 Stainless Steel, Add                         | 35.94        |           |            |
| 05 12 23 00-0703 | LF 3" x 3" x 1/8" Square Steel Tubing.....           | 22.45        |           | 5.96       |
|                  | For >100 To 250, Deduct                              | -0.60        |           |            |
|                  | For >250 To 500, Deduct                              | -1.16        |           |            |
|                  | For >500 To 1,000, Deduct                            | -1.92        |           |            |
|                  | For >1,000, Deduct                                   | -2.68        |           |            |
|                  | For 316 Stainless Steel, Add                         | 46.40        |           |            |
|                  | For Aluminum, Add                                    | 2.61         |           |            |
|                  | For Galvanized Steel, Add                            | 8.99         |           |            |
|                  | For 304 Stainless Steel, Add                         | 41.33        |           |            |
| 05 12 23 00-0704 | LF 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing .....  | 26.00        |           | 7.00       |
|                  | For >100 To 250, Deduct                              | -0.70        |           |            |
|                  | For >250 To 500, Deduct                              | -1.35        |           |            |
|                  | For >500 To 1,000, Deduct                            | -2.23        |           |            |
|                  | For >1,000, Deduct                                   | -3.12        |           |            |
|                  | For 316 Stainless Steel, Add                         | 53.34        |           |            |
|                  | For Aluminum, Add                                    | 3.00         |           |            |
|                  | For Galvanized Steel, Add                            | 10.34        |           |            |
|                  | For 304 Stainless Steel, Add                         | 47.51        |           |            |
| 05 12 23 00-0705 | LF 4" x 4" x 1/8" Square Steel Tubing.....           | 28.62        |           | 8.04       |
|                  | For >100 To 250, Deduct                              | -0.80        |           |            |
|                  | For >250 To 500, Deduct                              | -1.52        |           |            |
|                  | For >500 To 1,000, Deduct                            | -2.50        |           |            |
|                  | For >1,000, Deduct                                   | -3.49        |           |            |
|                  | For 316 Stainless Steel, Add                         | 57.28        |           |            |
|                  | For Aluminum, Add                                    | 3.22         |           |            |
|                  | For Galvanized Steel, Add                            | 11.10        |           |            |
|                  | For 304 Stainless Steel, Add                         | 51.02        |           |            |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                     |        |       |
|------------------|-----------------------------------------------------|--------|-------|
| 05 12 23 00-0706 | 3/16" Wall Thickness (05 12 23 00-0682)             |        |       |
| 05 12 23 00-0707 | LF 2" x 2" x 3/16" Square Steel Tubing.....         | 16.47  | 4.39  |
|                  | For >100 To 250, Deduct                             | -0.44  |       |
|                  | For >250 To 500, Deduct                             | -0.85  |       |
|                  | For >500 To 1,000, Deduct                           | -1.41  |       |
|                  | For >1,000, Deduct                                  | -1.97  |       |
|                  | For 316 Stainless Steel, Add                        | 33.98  |       |
|                  | For Aluminum, Add                                   | 1.91   |       |
|                  | For Galvanized Steel, Add                           | 6.58   |       |
|                  | For 304 Stainless Steel, Add                        | 30.27  |       |
| 05 12 23 00-0708 | LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing..... | 21.32  | 5.68  |
|                  | For >100 To 250, Deduct                             | -0.57  |       |
|                  | For >250 To 500, Deduct                             | -1.10  |       |
|                  | For >500 To 1,000, Deduct                           | -1.82  |       |
|                  | For >1,000, Deduct                                  | -2.55  |       |
|                  | For 316 Stainless Steel, Add                        | 44.00  |       |
|                  | For Aluminum, Add                                   | 2.48   |       |
|                  | For Galvanized Steel, Add                           | 8.53   |       |
|                  | For 304 Stainless Steel, Add                        | 39.19  |       |
| 05 12 23 00-0709 | LF 3" x 3" x 3/16" Square Steel Tubing.....         | 26.21  | 6.98  |
|                  | For >100 To 250, Deduct                             | -0.70  |       |
|                  | For >250 To 500, Deduct                             | -1.35  |       |
|                  | For >500 To 1,000, Deduct                           | -2.24  |       |
|                  | For >1,000, Deduct                                  | -3.13  |       |
|                  | For 316 Stainless Steel, Add                        | 54.08  |       |
|                  | For Aluminum, Add                                   | 3.04   |       |
|                  | For Galvanized Steel, Add                           | 10.48  |       |
|                  | For 304 Stainless Steel, Add                        | 48.17  |       |
| 05 12 23 00-0710 | LF 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing..... | 31.08  | 8.28  |
|                  | For >100 To 250, Deduct                             | -0.83  |       |
|                  | For >250 To 500, Deduct                             | -1.61  |       |
|                  | For >500 To 1,000, Deduct                           | -2.66  |       |
|                  | For >1,000, Deduct                                  | -3.71  |       |
|                  | For 316 Stainless Steel, Add                        | 64.13  |       |
|                  | For Aluminum, Add                                   | 3.61   |       |
|                  | For Galvanized Steel, Add                           | 12.42  |       |
|                  | For 304 Stainless Steel, Add                        | 57.11  |       |
| 05 12 23 00-0711 | LF 4" x 4" x 3/16" Square Steel Tubing.....         | 35.92  | 9.57  |
|                  | For >100 To 250, Deduct                             | -0.96  |       |
|                  | For >250 To 500, Deduct                             | -1.85  |       |
|                  | For >500 To 1,000, Deduct                           | -3.07  |       |
|                  | For >1,000, Deduct                                  | -4.29  |       |
|                  | For 316 Stainless Steel, Add                        | 74.14  |       |
|                  | For Aluminum, Add                                   | 4.17   |       |
|                  | For Galvanized Steel, Add                           | 14.37  |       |
|                  | For 304 Stainless Steel, Add                        | 66.03  |       |
| 05 12 23 00-0712 | LF 4-1/2" x 4-1/2" x 3/16" Square Steel Tubing..... | 40.80  | 10.87 |
|                  | For >100 To 250, Deduct                             | -1.09  |       |
|                  | For >250 To 500, Deduct                             | -2.11  |       |
|                  | For >500 To 1,000, Deduct                           | -3.49  |       |
|                  | For >1,000, Deduct                                  | -4.87  |       |
|                  | For 316 Stainless Steel, Add                        | 84.19  |       |
|                  | For Aluminum, Add                                   | 4.74   |       |
|                  | For Galvanized Steel, Add                           | 16.31  |       |
|                  | For 304 Stainless Steel, Add                        | 74.98  |       |
| 05 12 23 00-0713 | LF 5" x 5" x 3/16" Square Steel Tubing.....         | 45.65  | 12.16 |
|                  | For >100 To 250, Deduct                             | -1.22  |       |
|                  | For >250 To 500, Deduct                             | -2.36  |       |
|                  | For >500 To 1,000, Deduct                           | -3.90  |       |
|                  | For >1,000, Deduct                                  | -5.45  |       |
|                  | For 316 Stainless Steel, Add                        | 94.21  |       |
|                  | For Aluminum, Add                                   | 5.30   |       |
|                  | For Galvanized Steel, Add                           | 18.25  |       |
|                  | For 304 Stainless Steel, Add                        | 83.90  |       |
| 05 12 23 00-0714 | LF 6" x 6" x 3/16" Square Steel Tubing.....         | 55.41  | 14.76 |
|                  | For >100 To 250, Deduct                             | -1.48  |       |
|                  | For >250 To 500, Deduct                             | -2.86  |       |
|                  | For >500 To 1,000, Deduct                           | -4.74  |       |
|                  | For >1,000, Deduct                                  | -6.62  |       |
|                  | For 316 Stainless Steel, Add                        | 114.34 |       |
|                  | For Aluminum, Add                                   | 6.43   |       |
|                  | For Galvanized Steel, Add                           | 22.15  |       |
|                  | For 304 Stainless Steel, Add                        | 101.83 |       |

05 12 23 00-0715 1/4" Wall Thickness (05 12 23 00-0682)



|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM                                         | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------|-------------|------------------------|----------------------|
| 05 12 23 00-0716 | LF  | 2" x 2" x 1/4" Square Steel Tubing          | .....       | 17.60                  | 4.39                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.44                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.88                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.47                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.05                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 37.57                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.11                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 7.28                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 33.46                  |                      |
| 05 12 23 00-0717 | LF  | 2-1/2" x 2-1/2" x 1/4" Square Steel Tubing  | .....       | 23.14                  | 5.77                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.58                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.16                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.93                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.70                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 49.38                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.78                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 9.57                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 43.98                  |                      |
| 05 12 23 00-0718 | LF  | 3" x 3" x 1/4" Square Steel Tubing          | .....       | 28.66                  | 7.16                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.72                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.43                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -2.39                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -3.34                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 61.18                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 3.44                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 11.85                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 54.49                  |                      |
| 05 12 23 00-0719 | LF  | 3-1/2" x 3-1/2" x 1/4" Square Steel Tubing  | .....       | 34.19                  | 8.54                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.85                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.71                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -2.85                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -3.99                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 72.99                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 4.11                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 14.14                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 65.01                  |                      |
| 05 12 23 00-0720 | LF  | 4" x 4" x 1/4" Square Steel Tubing          | .....       | 39.73                  | 9.92                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.99                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.99                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -3.31                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -4.63                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 84.80                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 4.77                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 16.43                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 75.53                  |                      |
| 05 12 23 00-0721 | LF  | 4-1/2" x 4-1/2" x 1/4" Square Steel Tubing  | .....       | 45.26                  | 11.30                |
|                  |     | For >100 To 250, Deduct                     | .....       | -1.13                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -2.26                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -3.77                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -5.28                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 96.61                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 5.43                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 18.72                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 86.04                  |                      |
| 05 12 23 00-0722 | LF  | 5" x 5" x 1/4" Square Steel Tubing          | .....       | 50.83                  | 12.69                |
|                  |     | For >100 To 250, Deduct                     | .....       | -1.27                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -2.54                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -4.23                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -5.93                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 108.48                 |                      |
|                  |     | For Aluminum, Add                           | .....       | 6.10                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 21.02                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 96.62                  |                      |
| 05 12 23 00-0723 | LF  | 6" x 6" x 1/4" Square Steel Tubing          | .....       | 61.89                  | 15.45                |
|                  |     | For >100 To 250, Deduct                     | .....       | -1.55                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -3.09                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -5.16                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -7.22                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 132.10                 |                      |
|                  |     | For Aluminum, Add                           | .....       | 7.43                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 25.59                  |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 117.65                 |                      |
| 05 12 23 00-0724 |     | Rectangular Steel Tubing (05 12 23 00-0681) |             |                        |                      |
| 05 12 23 00-0725 |     | 3/16" Wall Thickness (05 12 23 00-0724)     |             |                        |                      |
| 05 12 23 00-0726 | LF  | 3" x 2" x 3/16" Square Steel Tubing         | .....       | 21.32                  | 5.68                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.57                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.10                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.82                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.55                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 44.00                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.48                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 8.53                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 39.19                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0727 | LF  |     | 4" x 2" x 3/16" Square Steel Tubing..... | 26.21                     | 6.98                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.70                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.35                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -2.24                     |                         |
|                  |     |     | For >1,000, Deduct                       | -3.13                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 54.08                     |                         |
|                  |     |     | For Aluminum, Add                        | 3.04                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 10.48                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 48.17                     |                         |
| 05 12 23 00-0728 | LF  |     | 4" x 3" x 3/16" Square Steel Tubing..... | 31.08                     | 8.28                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.61                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -2.66                     |                         |
|                  |     |     | For >1,000, Deduct                       | -3.71                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 64.13                     |                         |
|                  |     |     | For Aluminum, Add                        | 3.61                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 12.42                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 57.11                     |                         |
| 05 12 23 00-0729 | LF  |     | 5" x 2" x 3/16" Square Steel Tubing..... | 31.08                     | 8.28                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.83                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.61                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -2.66                     |                         |
|                  |     |     | For >1,000, Deduct                       | -3.71                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 64.13                     |                         |
|                  |     |     | For Aluminum, Add                        | 3.61                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 12.42                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 57.11                     |                         |
| 05 12 23 00-0730 | LF  |     | 5" x 3" x 3/16" Square Steel Tubing..... | 35.92                     | 9.57                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.96                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.85                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -3.07                     |                         |
|                  |     |     | For >1,000, Deduct                       | -4.29                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 74.14                     |                         |
|                  |     |     | For Aluminum, Add                        | 4.17                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 14.37                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 66.03                     |                         |
| 05 12 23 00-0731 | LF  |     | 5" x 4" x 3/16" Square Steel Tubing..... | 40.80                     | 10.87                   |
|                  |     |     | For >100 To 250, Deduct                  | -1.09                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -2.11                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -3.49                     |                         |
|                  |     |     | For >1,000, Deduct                       | -4.87                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 84.19                     |                         |
|                  |     |     | For Aluminum, Add                        | 4.74                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 16.31                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 74.98                     |                         |
| 05 12 23 00-0732 | LF  |     | 6" x 2" x 3/16" Square Steel Tubing..... | 35.92                     | 9.57                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.96                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.85                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -3.07                     |                         |
|                  |     |     | For >1,000, Deduct                       | -4.29                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 74.14                     |                         |
|                  |     |     | For Aluminum, Add                        | 4.17                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 14.37                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 66.03                     |                         |
| 05 12 23 00-0733 | LF  |     | 6" x 3" x 3/16" Square Steel Tubing..... | 40.80                     | 10.87                   |
|                  |     |     | For >100 To 250, Deduct                  | -1.09                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -2.11                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -3.49                     |                         |
|                  |     |     | For >1,000, Deduct                       | -4.87                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 84.19                     |                         |
|                  |     |     | For Aluminum, Add                        | 4.74                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 16.31                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 74.98                     |                         |
| 05 12 23 00-0734 | LF  |     | 6" x 4" x 3/16" Square Steel Tubing..... | 45.65                     | 12.16                   |
|                  |     |     | For >100 To 250, Deduct                  | -1.22                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -2.36                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -3.90                     |                         |
|                  |     |     | For >1,000, Deduct                       | -5.45                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 94.21                     |                         |
|                  |     |     | For Aluminum, Add                        | 5.30                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 18.25                     |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 83.90                     |                         |
| 05 12 23 00-0735 |     |     | 1/4" Wall Thickness (05 12 23 00-0724)   |                           |                         |
| 05 12 23 00-0736 | LF  |     | 3" x 2" x 1/4" Square Steel Tubing.....  | 23.14                     | 5.77                    |
|                  |     |     | For >100 To 250, Deduct                  | -0.58                     |                         |
|                  |     |     | For >250 To 500, Deduct                  | -1.16                     |                         |
|                  |     |     | For >500 To 1,000, Deduct                | -1.93                     |                         |
|                  |     |     | For >1,000, Deduct                       | -2.70                     |                         |
|                  |     |     | For 316 Stainless Steel, Add             | 49.38                     |                         |
|                  |     |     | For Aluminum, Add                        | 2.78                      |                         |
|                  |     |     | For Galvanized Steel, Add                | 9.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add             | 43.98                     |                         |



|  |                          |           |  |
|--|--------------------------|-----------|--|
|  | <b>Metals</b>            | <b>05</b> |  |
|  | Structural Metal Framing | 05 10     |  |
|  | Structural Steel Framing | 05 12     |  |

| MINOR            | CSI | UOM | DESCRIPTION                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------|------------------------|----------------------|
| 05 12 23 00-0737 | LF  |     | 4" x 2" x 1/4" Square Steel Tubing.....      | 28.66                  | 7.16                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.72                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -1.43                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -2.39                  |                      |
|                  |     |     | For >1,000, Deduct                           | -3.34                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 61.18                  |                      |
|                  |     |     | For Aluminum, Add                            | 3.44                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 11.85                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 54.49                  |                      |
| 05 12 23 00-0738 | LF  |     | 4" x 3" x 1/4" Square Steel Tubing.....      | 34.19                  | 8.54                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -1.71                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -2.85                  |                      |
|                  |     |     | For >1,000, Deduct                           | -3.99                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 72.99                  |                      |
|                  |     |     | For Aluminum, Add                            | 4.11                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 14.14                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 65.01                  |                      |
| 05 12 23 00-0739 | LF  |     | 5" x 2" x 1/4" Square Steel Tubing.....      | 34.19                  | 8.54                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -1.71                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -2.85                  |                      |
|                  |     |     | For >1,000, Deduct                           | -3.99                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 72.99                  |                      |
|                  |     |     | For Aluminum, Add                            | 4.11                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 14.14                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 65.01                  |                      |
| 05 12 23 00-0740 | LF  |     | 5" x 3" x 1/4" Square Steel Tubing.....      | 39.73                  | 9.92                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -1.99                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -3.31                  |                      |
|                  |     |     | For >1,000, Deduct                           | -4.63                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 84.80                  |                      |
|                  |     |     | For Aluminum, Add                            | 4.77                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 16.43                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 75.53                  |                      |
| 05 12 23 00-0741 | LF  |     | 5" x 4" x 1/4" Square Steel Tubing.....      | 45.26                  | 11.30                |
|                  |     |     | For >100 To 250, Deduct                      | -1.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -2.26                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -3.77                  |                      |
|                  |     |     | For >1,000, Deduct                           | -5.28                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 96.61                  |                      |
|                  |     |     | For Aluminum, Add                            | 5.43                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 18.72                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 86.04                  |                      |
| 05 12 23 00-0742 | LF  |     | 6" x 2" x 1/4" Square Steel Tubing.....      | 39.73                  | 9.92                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -1.99                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -3.31                  |                      |
|                  |     |     | For >1,000, Deduct                           | -4.63                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 84.80                  |                      |
|                  |     |     | For Aluminum, Add                            | 4.77                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 16.43                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 75.53                  |                      |
| 05 12 23 00-0743 | LF  |     | 6" x 3" x 1/4" Square Steel Tubing.....      | 45.26                  | 11.30                |
|                  |     |     | For >100 To 250, Deduct                      | -1.13                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -2.26                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -3.77                  |                      |
|                  |     |     | For >1,000, Deduct                           | -5.28                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 96.61                  |                      |
|                  |     |     | For Aluminum, Add                            | 5.43                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 18.72                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 86.04                  |                      |
| 05 12 23 00-0744 | LF  |     | 6" x 4" x 1/4" Square Steel Tubing.....      | 50.83                  | 12.69                |
|                  |     |     | For >100 To 250, Deduct                      | -1.27                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -2.54                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -4.23                  |                      |
|                  |     |     | For >1,000, Deduct                           | -5.93                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 108.48                 |                      |
|                  |     |     | For Aluminum, Add                            | 6.10                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 21.02                  |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 96.62                  |                      |
| 05 12 23 00-0745 |     |     | Round Steel Tubing (05 12 23 00-0681)        |                        |                      |
| 05 12 23 00-0746 |     |     | 0.065" Wall Thickness (05 12 23 00-0745)     |                        |                      |
| 05 12 23 00-0747 | LF  |     | 1" Diameter x 0.065" Round Steel Tubing..... | 4.71                   | 1.06                 |
|                  |     |     | For >100 To 250, Deduct                      | -0.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                      | -0.22                  |                      |
|                  |     |     | For >500 To 1,000, Deduct                    | -0.38                  |                      |
|                  |     |     | For >1,000, Deduct                           | -0.53                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                 | 10.56                  |                      |
|                  |     |     | For Aluminum, Add                            | 0.59                   |                      |
|                  |     |     | For Galvanized Steel, Add                    | 2.05                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                 | 9.41                   |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0748 | LF  |     | 1-1/4" Diameter x 0.065" Round Steel Tubing ..... | 5.96                      | 1.34                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.13                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.28                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.48                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -0.67                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 13.38                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.75                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.59                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 11.91                     |                         |
| 05 12 23 00-0749 | LF  |     | 1-1/2" Diameter x 0.065" Round Steel Tubing ..... | 7.22                      | 1.62                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.16                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.34                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.58                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -0.81                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 16.19                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.91                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 3.14                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 14.42                     |                         |
| 05 12 23 00-0750 | LF  |     | 2" Diameter x 0.065" Round Steel Tubing .....     | 9.74                      | 2.19                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.22                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.46                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.78                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -1.09                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 21.86                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 1.23                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 4.23                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 19.47                     |                         |
| 05 12 23 00-0751 | LF  |     | 2-1/2" Diameter x 0.065" Round Steel Tubing ..... | 12.26                     | 2.75                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.28                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.58                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.98                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -1.38                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 27.49                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 1.55                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 5.33                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 24.48                     |                         |
| 05 12 23 00-0752 | LF  |     | 3" Diameter x 0.065" Round Steel Tubing .....     | 14.77                     | 3.31                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.33                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.70                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -1.18                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -1.66                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 33.15                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 1.86                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 6.42                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 29.53                     |                         |
| 05 12 23 00-0753 | LF  |     | 3-1/2" Diameter x 0.065" Round Steel Tubing ..... | 17.30                     | 3.88                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.39                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.82                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -1.38                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -1.94                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 38.82                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 2.18                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 7.52                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 34.57                     |                         |
| 05 12 23 00-0754 | LF  |     | 4" Diameter x 0.065" Round Steel Tubing .....     | 19.81                     | 4.44                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.44                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.94                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -1.58                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -2.23                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 44.45                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 2.50                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 8.61                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 39.59                     |                         |
| 05 12 23 00-0755 |     |     | 0.083" Wall Thickness (05 12 23 00-0745)          |                           |                         |
| 05 12 23 00-0756 | LF  |     | 1" Diameter x 0.083" Round Steel Tubing .....     | 5.11                      | 1.16                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.12                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.24                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.41                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -0.58                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 11.42                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.64                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.21                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 10.17                     |                         |
| 05 12 23 00-0757 | LF  |     | 1-1/4" Diameter x 0.083" Round Steel Tubing ..... | 6.50                      | 1.47                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.15                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -0.31                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -0.52                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -0.73                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 14.53                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.82                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.81                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 12.94                     |                         |





|  |                          |           |           |
|--|--------------------------|-----------|-----------|
|  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  | Structural Metal Framing | 05 10     |           |
|  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM                                         | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------|-------------|------------------------|----------------------|
| 05 12 23 00-0758 | LF  | 1-1/2" Diameter x 0.083" Round Steel Tubing | .....       | 7.90                   | 1.78                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.18                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.38                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -0.63                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -0.89                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 17.66                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 0.99                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 3.42                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 15.73                  |                      |
| 05 12 23 00-0759 | LF  | 2" Diameter x 0.083" Round Steel Tubing     | .....       | 10.68                  | 2.42                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.24                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.51                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -0.86                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -1.20                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 23.87                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 1.34                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 4.63                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 21.26                  |                      |
| 05 12 23 00-0760 | LF  | 2-1/2" Diameter x 0.083" Round Steel Tubing | .....       | 13.47                  | 3.04                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.30                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.64                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.08                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -1.52                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 30.11                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 1.69                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 5.83                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 26.82                  |                      |
| 05 12 23 00-0761 | LF  | 3" Diameter x 0.083" Round Steel Tubing     | .....       | 16.27                  | 3.68                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.37                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.78                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.30                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -1.83                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 36.35                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.04                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 7.04                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 32.38                  |                      |
| 05 12 23 00-0762 | LF  | 3-1/2" Diameter x 0.083" Round Steel Tubing | .....       | 19.04                  | 4.31                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.43                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.91                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.53                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.15                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 42.56                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.39                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 8.25                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 37.91                  |                      |
| 05 12 23 00-0763 | LF  | 4" Diameter x 0.083" Round Steel Tubing     | .....       | 21.83                  | 4.94                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.49                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -1.04                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.75                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.46                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 48.80                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.75                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 9.46                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 43.46                  |                      |
| 05 12 23 00-0764 |     | 0.125" Wall Thickness (05 12 23 00-0745)    |             |                        |                      |
| 05 12 23 00-0765 | LF  | 2" Diameter x 0.125" Round Steel Tubing     | .....       | 11.39                  | 3.05                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.31                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.59                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -0.98                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -1.36                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 23.42                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 1.32                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 4.54                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 20.86                  |                      |
| 05 12 23 00-0766 | LF  | 2-1/2" Diameter x 0.125" Round Steel Tubing | .....       | 14.44                  | 3.87                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.39                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.75                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.24                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -1.73                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 29.70                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 1.67                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 5.75                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 26.45                  |                      |
| 05 12 23 00-0767 | LF  | 3" Diameter x 0.125" Round Steel Tubing     | .....       | 17.47                  | 4.67                 |
|                  |     | For >100 To 250, Deduct                     | .....       | -0.47                  |                      |
|                  |     | For >250 To 500, Deduct                     | .....       | -0.90                  |                      |
|                  |     | For >500 To 1,000, Deduct                   | .....       | -1.50                  |                      |
|                  |     | For >1,000, Deduct                          | .....       | -2.09                  |                      |
|                  |     | For 316 Stainless Steel, Add                | .....       | 35.94                  |                      |
|                  |     | For Aluminum, Add                           | .....       | 2.02                   |                      |
|                  |     | For Galvanized Steel, Add                   | .....       | 6.96                   |                      |
|                  |     | For 304 Stainless Steel, Add                | .....       | 32.01                  |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR            | CSI | UOM | DESCRIPTION                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------|---------------------------|-------------------------|
| 05 12 23 00-0768 | LF  |     | 3-1/2" Diameter x 0.125" Round Steel Tubing ..... | 20.50                     | 5.49                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.55                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -1.06                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -1.76                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -2.45                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 42.18                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 2.37                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 8.17                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 37.56                     |                         |
| 05 12 23 00-0769 | LF  |     | 4" Diameter x 0.125" Round Steel Tubing .....     | 23.54                     | 6.31                    |
|                  |     |     | For >100 To 250, Deduct .....                     | -0.63                     |                         |
|                  |     |     | For >250 To 500, Deduct .....                     | -1.22                     |                         |
|                  |     |     | For >500 To 1,000, Deduct .....                   | -2.02                     |                         |
|                  |     |     | For >1,000, Deduct .....                          | -2.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add .....                | 48.45                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 2.73                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 9.39                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 43.15                     |                         |
| 05 12 23 00-0770 |     |     | Flat Steel Bar (05 12 23 00-0422)                 |                           |                         |
| 05 12 23 00-0771 |     |     | 1/8" Thick (05 12 23 00-0770)                     |                           |                         |
| 05 12 23 00-0772 | LF  |     | 1/8" Thick x 1" Wide Flat Steel Bar .....         | 3.37                      | 1.52                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 3.49                      |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.20                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 0.68                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 3.11                      |                         |
| 05 12 23 00-0773 | LF  |     | 1/8" Thick x 2" Wide Flat Steel Bar .....         | 5.23                      | 2.28                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 5.79                      |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.33                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 1.12                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 5.16                      |                         |
| 05 12 23 00-0774 | LF  |     | 1/8" Thick x 4" Wide Flat Steel Bar .....         | 8.11                      | 3.20                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 10.53                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.59                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.04                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 9.38                      |                         |
| 05 12 23 00-0775 | LF  |     | 1/8" Thick x 6" Wide Flat Steel Bar .....         | 10.98                     | 4.35                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 14.24                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.80                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.76                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 12.68                     |                         |
| 05 12 23 00-0776 |     |     | 3/16" Thick (05 12 23 00-0770)                    |                           |                         |
| 05 12 23 00-0777 | LF  |     | 3/16" Thick x 1" Wide Flat Steel Bar .....        | 4.49                      | 1.88                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 5.31                      |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.30                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 1.03                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 4.73                      |                         |
| 05 12 23 00-0778 | LF  |     | 3/16" Thick x 2" Wide Flat Steel Bar .....        | 7.11                      | 2.83                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 9.15                      |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.51                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 1.77                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 8.15                      |                         |
| 05 12 23 00-0779 | LF  |     | 3/16" Thick x 4" Wide Flat Steel Bar .....        | 9.71                      | 3.25                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 15.46                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.87                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.99                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 13.77                     |                         |
| 05 12 23 00-0780 | LF  |     | 3/16" Thick x 6" Wide Flat Steel Bar .....        | 13.43                     | 4.50                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 21.34                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 1.20                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 4.14                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 19.01                     |                         |
| 05 12 23 00-0781 |     |     | 1/4" Thick (05 12 23 00-0770)                     |                           |                         |
| 05 12 23 00-0782 | LF  |     | 1/4" Thick x 1" Wide Flat Steel Bar .....         | 4.63                      | 1.99                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 5.25                      |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.30                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 1.02                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 4.67                      |                         |
| 05 12 23 00-0783 | LF  |     | 1/4" Thick x 2" Wide Flat Steel Bar .....         | 7.79                      | 2.99                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 10.59                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 0.60                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 2.05                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 9.43                      |                         |
| 05 12 23 00-0784 | LF  |     | 1/4" Thick x 4" Wide Flat Steel Bar .....         | 11.54                     | 3.42                    |
|                  |     |     | For 316 Stainless Steel, Add .....                | 20.51                     |                         |
|                  |     |     | For Aluminum, Add .....                           | 1.15                      |                         |
|                  |     |     | For Galvanized Steel, Add .....                   | 3.97                      |                         |
|                  |     |     | For 304 Stainless Steel, Add .....                | 18.27                     |                         |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Structural Steel Framing | 05 12     |           |

| MINOR            | CSI | UOM                                 | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------|-------------|------------------------|----------------------|
| 05 12 23 00-0785 | LF  | 1/4" Thick x 6" Wide Flat Steel Bar | .....       | 16.68                  | 5.05                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 29.09                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 7.64                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 5.64                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 25.91                  |                      |
| 05 12 23 00-0786 |     | 3/8" Thick (05 12 23 00-0770)       |             |                        |                      |
| 05 12 23 00-0787 | LF  | 3/8" Thick x 1" Wide Flat Steel Bar | .....       | 5.93                   | 2.25                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 8.22                   |                      |
|                  |     | For Aluminum, Add                   | .....       | 0.46                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 1.59                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 7.32                   |                      |
| 05 12 23 00-0788 | LF  | 3/8" Thick x 2" Wide Flat Steel Bar | .....       | 9.79                   | 3.35                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 15.17                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 0.85                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 2.94                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 13.51                  |                      |
| 05 12 23 00-0789 | LF  | 3/8" Thick x 4" Wide Flat Steel Bar | .....       | 15.24                  | 3.84                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 30.34                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 1.71                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 5.88                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 27.02                  |                      |
| 05 12 23 00-0790 | LF  | 3/8" Thick x 6" Wide Flat Steel Bar | .....       | 21.87                  | 5.68                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 42.69                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 2.40                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 8.27                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 38.02                  |                      |
| 05 12 23 00-0791 |     | 1/2" Thick (05 12 23 00-0770)       |             |                        |                      |
| 05 12 23 00-0792 | LF  | 1/2" Thick x 1" Wide Flat Steel Bar | .....       | 7.00                   | 2.46                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 10.53                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 0.59                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 2.04                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 9.38                   |                      |
| 05 12 23 00-0793 | LF  | 1/2" Thick x 2" Wide Flat Steel Bar | .....       | 11.61                  | 3.71                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 19.36                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 1.09                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 3.75                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 17.24                  |                      |
| 05 12 23 00-0794 | LF  | 1/2" Thick x 4" Wide Flat Steel Bar | .....       | 16.65                  | 4.21                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 32.99                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 1.66                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 6.39                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 29.38                  |                      |
| 05 12 23 00-0795 | LF  | 1/2" Thick x 6" Wide Flat Steel Bar | .....       | 29.95                  | 6.26                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 65.82                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 3.70                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 12.75                  |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 58.62                  |                      |
| 05 12 23 00-0796 |     | Flat Steel Plate (05 12 23 00-0422) |             |                        |                      |
| 05 12 23 00-0797 | SF  | 1/8" Thick Flat Steel Plate         | .....       | 17.56                  | 6.53                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 24.83                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 1.40                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 4.81                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 22.12                  |                      |
| 05 12 23 00-0798 | SF  | 3/16" Thick Flat Steel Plate        | .....       | 19.87                  | 6.76                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 31.07                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 1.75                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 6.02                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 27.67                  |                      |
| 05 12 23 00-0799 | SF  | 1/4" Thick Flat Steel Plate         | .....       | 23.75                  | 7.58                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 39.62                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 2.23                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 7.68                   |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 35.28                  |                      |
| 05 12 23 00-0800 | SF  | 3/8" Thick Flat Steel Plate         | .....       | 32.22                  | 8.52                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 62.18                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 3.50                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 12.05                  |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 55.38                  |                      |
| 05 12 23 00-0801 | SF  | 1/2" Thick Flat Steel Plate         | .....       | 38.28                  | 9.37                 |
|                  |     | For 316 Stainless Steel, Add        | .....       | 77.47                  |                      |
|                  |     | For Aluminum, Add                   | .....       | 4.36                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 15.01                  |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 69.00                  |                      |
| 05 12 23 00-0802 | SF  | 3/4" Thick Flat Steel Plate         | .....       | 62.99                  | 11.62                |
|                  |     | For 316 Stainless Steel, Add        | .....       | 145.28                 |                      |
|                  |     | For Aluminum, Add                   | .....       | 8.17                   |                      |
|                  |     | For Galvanized Steel, Add           | .....       | 28.15                  |                      |
|                  |     | For 304 Stainless Steel, Add        | .....       | 129.39                 |                      |

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST                   | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|
| 05 12 23 00-0803        | SF  |     | 1" Thick Flat Steel Plate.....<br><i>For 316 Stainless Steel, Add</i><br><i>For Aluminum, Add</i><br><i>For Galvanized Steel, Add</i><br><i>For 304 Stainless Steel, Add</i>                                 | 84.15<br>198.91<br>11.19<br>38.54<br>177.16 | 14.52                   |
| <b>05 12 23 00-0804</b> |     |     | <b>Metal Runner/Track</b> (05 12 23 00-0422)                                                                                                                                                                 |                                             |                         |
| 05 12 23 00-0805        | LF  |     | 4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 7.79<br>-0.37<br>-0.56<br>-0.88<br>-1.19    | 3.63                    |
| 05 12 23 00-0806        | LF  |     | 6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 9.33<br>-0.41<br>-0.64<br>-1.01<br>-1.38    | 4.06                    |
| 05 12 23 00-0807        | LF  |     | 8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 11.15<br>-0.47<br>-0.75<br>-1.18<br>-1.62   | 4.67                    |
| 05 12 23 00-0808        | LF  |     | 10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i> | 12.93<br>-0.51<br>-0.83<br>-1.32<br>-1.82   | 5.08                    |
| 05 12 23 00-0809        | LF  |     | 4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 8.42<br>-0.37<br>-0.58<br>-0.91<br>-1.24    | 3.63                    |
| 05 12 23 00-0810        | LF  |     | 6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 10.24<br>-0.41<br>-0.66<br>-1.05<br>-1.45   | 4.06                    |
| 05 12 23 00-0811        | LF  |     | 8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 12.05<br>-0.47<br>-0.77<br>-1.23<br>-1.68   | 4.67                    |
| 05 12 23 00-0812        | LF  |     | 10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i> | 14.05<br>-0.51<br>-0.86<br>-1.38<br>-1.90   | 5.08                    |
| 05 12 23 00-0813        | LF  |     | 4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 9.41<br>-0.40<br>-0.64<br>-1.01<br>-1.38    | 4.02                    |
| 05 12 23 00-0814        | LF  |     | 6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 11.46<br>-0.45<br>-0.73<br>-1.17<br>-1.60   | 4.47                    |
| 05 12 23 00-0815        | LF  |     | 8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i>  | 13.10<br>-0.51<br>-0.84<br>-1.34<br>-1.84   | 5.14                    |
| 05 12 23 00-0816        | LF  |     | 10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner .....<br><i>For &gt;100 To 250, Deduct</i><br><i>For &gt;250 To 500, Deduct</i><br><i>For &gt;500 To 1,000, Deduct</i><br><i>For &gt;1,000, Deduct</i> | 15.27<br>-0.56<br>-0.94<br>-1.51<br>-2.08   | 5.58                    |

**05 13 Structural Stainless-Steel Framing** (05 10)**05 13 00 00-0001** Stainless Steel Tube (05 13)

|                  |    |  |                                            |       |  |
|------------------|----|--|--------------------------------------------|-------|--|
| 05 13 00 00-0002 | LF |  | 1" x 1" Stainless Steel Tube.....          | 36.54 |  |
| 05 13 00 00-0003 | LF |  | 1-1/2" x 1-1/2" Stainless Steel Tube ..... | 47.43 |  |
| 05 13 00 00-0004 | LF |  | 2" x 2" Stainless Steel Tube.....          | 64.85 |  |

**05 14 Structural Aluminum Framing** (05 10)**05 14 13 Architecturally-Exposed Structural Aluminum Framing** (05 14)**05 14 13 00-0001** Rolled Or Plate Shapes (05 14 13)

Note: 1" through 10" member.

|                  |    |  |                                                                                               |      |      |
|------------------|----|--|-----------------------------------------------------------------------------------------------|------|------|
| 05 14 13 00-0002 | LB |  | Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members ..... | 9.09 | 0.89 |
|------------------|----|--|-----------------------------------------------------------------------------------------------|------|------|



|  |  |                             |           |  |
|--|--|-----------------------------|-----------|--|
|  |  | <b>Metals</b>               | <b>05</b> |  |
|  |  | Structural Metal Framing    | 05 10     |  |
|  |  | Structural Aluminum Framing | 05 14     |  |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 14 13 00-0003             | LB | Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members..... | 8.01                      | 0.82                    |
| 05 14 13 00-0004             |    | <b>Aluminum Extrusions</b> (05 14 13)                                                           |                           |                         |
| 05 14 13 00-0005             | LB | Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members.....              | 14.89                     | 3.67                    |
| 05 14 13 00-0006             | LB | Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members.....             | 15.76                     | 3.67                    |
| 05 14 13 00-0007             |    | <b>Aluminum Tubing</b> (05 14 13)                                                               |                           |                         |
| 05 14 13 00-0008             | LB | Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members.....            | 13.25                     | 2.23                    |
| 05 14 13 00-0009             | LF | 1" x 1" Aluminum Tubing, 1/8" Wall Thickness.....                                               | 11.87                     | 3.61                    |
| 05 14 13 00-0010             | LF | 1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness.....                                       | 14.35                     | 3.94                    |
| 05 14 13 00-0011             | LF | 1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness.....                                       | 16.48                     | 4.59                    |
| 05 14 13 00-0012             | LF | 2" x 2" Aluminum Tubing, 1/8" Wall Thickness.....                                               | 19.60                     | 4.94                    |
| 05 14 13 00-0013             | LF | 4" x 4" Aluminum Tubing, 1/4" Wall Thickness.....                                               | 57.35                     | 6.25                    |
| 05 14 13 00-0014             | LF | 2" x 5" Aluminum Tubing, 1/4" Wall Thickness.....                                               | 46.96                     | 5.59                    |
| 05 14 13 00-0015             |    | <b>Columns</b> (05 14 13)<br>Note: Baked on paint finish, load bearing.                         |                           |                         |
| 05 14 13 00-0016             |    | <b>Round Columns</b> (05 14 13 00-0015)                                                         |                           |                         |
| 05 14 13 00-0017             | LF | 6" Diameter Aluminum Column.....                                                                | 52.74                     | 7.04                    |
| 05 14 13 00-0018             | LF | 8" Diameter Aluminum Column.....                                                                | 70.13                     | 10.10                   |
| 05 14 13 00-0019             | LF | 10" Diameter Aluminum Column.....                                                               | 85.72                     | 11.36                   |
| 05 14 13 00-0020             | LF | 12" Diameter Aluminum Column.....                                                               | 129.43                    | 11.89                   |
| 05 14 13 00-0021             | LF | 15" Diameter Aluminum Column.....                                                               | 165.42                    | 13.78                   |
| 05 14 13 00-0022             | EA | 6" Diameter Aluminum Base And Cap.....                                                          | 102.63                    | 13.15                   |
| 05 14 13 00-0023             | EA | 8" Diameter Aluminum Base And Cap.....                                                          | 117.61                    | 14.20                   |
| 05 14 13 00-0024             | EA | 10" Diameter Aluminum Base And Cap.....                                                         | 148.82                    | 15.78                   |
| 05 14 13 00-0025             | EA | 12" Diameter Aluminum Base And Cap.....                                                         | 258.98                    | 16.83                   |
| 05 14 13 00-0026             | EA | 15" Diameter Aluminum Base And Cap.....                                                         | 397.79                    | 18.41                   |
| 05 14 13 00-0027             |    | <b>Octagonal Columns</b> (05 14 13 00-0015)                                                     |                           |                         |
| 05 14 13 00-0028             | LF | 6" Diameter Aluminum Column.....                                                                | 58.95                     | 7.04                    |
| 05 14 13 00-0029             | LF | 8" Diameter Aluminum Column.....                                                                | 80.11                     | 10.10                   |
| 05 14 13 00-0030             | LF | 10" Diameter Aluminum Column.....                                                               | 98.32                     | 11.36                   |
| 05 14 13 00-0031             | LF | 12" Diameter Aluminum Column.....                                                               | 150.58                    | 11.89                   |
| 05 14 13 00-0032             | LF | 15" Diameter Aluminum Column.....                                                               | 193.01                    | 13.78                   |
| 05 14 13 00-0033             | EA | 6" Diameter Aluminum Base And Cap.....                                                          | 117.90                    | 13.15                   |
| 05 14 13 00-0034             | EA | 8" Diameter Aluminum Base And Cap.....                                                          | 135.45                    | 14.20                   |
| 05 14 13 00-0035             | EA | 10" Diameter Aluminum Base And Cap.....                                                         | 172.27                    | 15.78                   |
| 05 14 13 00-0036             | EA | 12" Diameter Aluminum Base And Cap.....                                                         | 304.04                    | 16.83                   |
| 05 14 13 00-0037             | EA | 15" Diameter Aluminum Base And Cap.....                                                         | 469.98                    | 18.41                   |
| 05 14 13 00-0038             |    | <b>Fluted Columns</b> (05 14 13 00-0015)                                                        |                           |                         |
| 05 14 13 00-0039             | LF | 6" Diameter Aluminum Column.....                                                                | 65.70                     | 7.04                    |
| 05 14 13 00-0040             | LF | 8" Diameter Aluminum Column.....                                                                | 89.09                     | 10.10                   |
| 05 14 13 00-0041             | LF | 10" Diameter Aluminum Column.....                                                               | 109.66                    | 11.36                   |
| 05 14 13 00-0042             | LF | 12" Diameter Aluminum Column.....                                                               | 169.62                    | 11.89                   |
| 05 14 13 00-0043             | LF | 15" Diameter Aluminum Column.....                                                               | 217.84                    | 13.78                   |
| 05 14 13 00-0044             | EA | 6" Diameter Aluminum Base And Cap.....                                                          | 131.64                    | 13.15                   |
| 05 14 13 00-0045             | EA | 8" Diameter Aluminum Base And Cap.....                                                          | 151.51                    | 14.20                   |
| 05 14 13 00-0046             | EA | 10" Diameter Aluminum Base And Cap.....                                                         | 193.38                    | 15.78                   |
| 05 14 13 00-0047             | EA | 12" Diameter Aluminum Base And Cap.....                                                         | 344.60                    | 16.83                   |
| 05 14 13 00-0048             | EA | 15" Diameter Aluminum Base And Cap.....                                                         | 534.96                    | 18.41                   |
| 05 14 13 00-0049             |    | <b>Square Columns</b> (05 14 13 00-0015)                                                        |                           |                         |
| 05 14 13 00-0050             | LF | 6" Aluminum Column.....                                                                         | 70.31                     | 7.04                    |
| 05 14 13 00-0051             | LF | 8" Aluminum Column.....                                                                         | 95.23                     | 10.10                   |
| 05 14 13 00-0052             | LF | 10" Aluminum Column.....                                                                        | 117.41                    | 11.36                   |
| 05 14 13 00-0053             | LF | 12" Aluminum Column.....                                                                        | 182.64                    | 11.89                   |
| 05 14 13 00-0054             | LF | 15" Aluminum Column.....                                                                        | 234.82                    | 13.78                   |
| 05 14 13 00-0055             | EA | 6" Aluminum Base And Cap.....                                                                   | 141.04                    | 13.15                   |
| 05 14 13 00-0056             | EA | 8" Aluminum Base And Cap.....                                                                   | 162.49                    | 14.20                   |
| 05 14 13 00-0057             | EA | 10" Aluminum Base And Cap.....                                                                  | 207.81                    | 15.78                   |
| 05 14 13 00-0058             | EA | 12" Aluminum Base And Cap.....                                                                  | 372.33                    | 16.83                   |
| 05 14 13 00-0059             | EA | 15" Aluminum Base And Cap.....                                                                  | 579.39                    | 18.41                   |
| 05 14 13 00-0060             |    | <b>Ornamental Or Decorative Cap And Bases</b> (05 14 13 00-0015)                                |                           |                         |
| 05 14 13 00-0061             | EA | 8" Corinthian Capital And Base.....                                                             | 808.68                    | 15.78                   |
| 05 14 13 00-0062             | EA | 10" Corinthian Capital And Base.....                                                            | 1,190.87                  | 18.41                   |
| 05 14 13 00-0063             | EA | 12" Corinthian Capital And Base.....                                                            | 1,885.24                  | 21.04                   |
| 05 14 13 00-0064             | EA | 8" Scamozzi Capital And Base.....                                                               | 400.19                    | 15.78                   |
| 05 14 13 00-0065             | EA | 10" Scamozzi Capital And Base.....                                                              | 536.63                    | 18.41                   |
| 05 14 13 00-0066             | EA | 12" Scamozzi Capital And Base.....                                                              | 1,082.22                  | 21.04                   |

**05 Metals****05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**05 15 Wire Rope Assemblies** (05 10)**05 15 16 Steel Wire Rope Assemblies** (05 15)**05 15 16 00-0001 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** (05 15 16)

|                  |    |                                                                                                                      |       |      |
|------------------|----|----------------------------------------------------------------------------------------------------------------------|-------|------|
| 05 15 16 00-0002 | LF | 1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 1.59  | 0.11 |
|                  |    | For >500, Deduct                                                                                                     | -0.28 |      |
| 05 15 16 00-0003 | LF | 5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 2.14  | 0.11 |
|                  |    | For >500, Deduct                                                                                                     | -0.37 |      |
| 05 15 16 00-0004 | LF | 3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 2.53  | 0.22 |
|                  |    | For >500, Deduct                                                                                                     | -0.42 |      |
| 05 15 16 00-0005 | LF | 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 3.05  | 0.22 |
|                  |    | For >500, Deduct                                                                                                     | -0.50 |      |
| 05 15 16 00-0006 | LF | 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 3.53  | 0.32 |
|                  |    | For >500, Deduct                                                                                                     | -0.56 |      |
| 05 15 16 00-0007 | LF | 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 4.33  | 0.43 |
|                  |    | For >500, Deduct                                                                                                     | -0.67 |      |
| 05 15 16 00-0008 | LF | 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 5.16  | 0.43 |
|                  |    | For >500, Deduct                                                                                                     | -0.80 |      |
| 05 15 16 00-0009 | LF | 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 7.16  | 0.76 |
|                  |    | For >500, Deduct                                                                                                     | -1.09 |      |
| 05 15 16 00-0010 | LF | 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 9.63  | 0.87 |
|                  |    | For >500, Deduct                                                                                                     | -1.46 |      |
| 05 15 16 00-0011 | LF | 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope     | 11.98 | 1.19 |
|                  |    | For >500, Deduct                                                                                                     | -1.78 |      |
| 05 15 16 00-0012 | LF | 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 14.82 | 1.52 |
|                  |    | For >500, Deduct                                                                                                     | -2.20 |      |
| 05 15 16 00-0013 | LF | 1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 18.06 | 1.84 |
|                  |    | For >500, Deduct                                                                                                     | -2.68 |      |

**05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** (05 15 16)

|                  |    |                                                                                                                      |       |      |
|------------------|----|----------------------------------------------------------------------------------------------------------------------|-------|------|
| 05 15 16 00-0015 | LF | 1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 1.87  | 0.11 |
|                  |    | For >500, Deduct                                                                                                     | -0.34 |      |
| 05 15 16 00-0016 | LF | 5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 2.42  | 0.11 |
|                  |    | For >500, Deduct                                                                                                     | -0.43 |      |
| 05 15 16 00-0017 | LF | 3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 3.00  | 0.22 |
|                  |    | For >500, Deduct                                                                                                     | -0.52 |      |
| 05 15 16 00-0018 | LF | 7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 3.40  | 0.22 |
|                  |    | For >500, Deduct                                                                                                     | -0.57 |      |
| 05 15 16 00-0019 | LF | 1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 4.05  | 0.32 |
|                  |    | For >500, Deduct                                                                                                     | -0.66 |      |
| 05 15 16 00-0020 | LF | 9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope  | 4.67  | 0.43 |
|                  |    | For >500, Deduct                                                                                                     | -0.74 |      |
| 05 15 16 00-0021 | LF | 5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 5.44  | 0.43 |
|                  |    | For >500, Deduct                                                                                                     | -0.85 |      |
| 05 15 16 00-0022 | LF | 3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 8.00  | 0.76 |
|                  |    | For >500, Deduct                                                                                                     | -1.26 |      |
| 05 15 16 00-0023 | LF | 7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope   | 10.24 | 0.87 |
|                  |    | For >500, Deduct                                                                                                     | -1.58 |      |
| 05 15 16 00-0024 | LF | 1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope     | 12.59 | 1.19 |
|                  |    | For >500, Deduct                                                                                                     | -1.92 |      |
| 05 15 16 00-0025 | LF | 1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 16.13 | 1.52 |
|                  |    | For >500, Deduct                                                                                                     | -2.45 |      |
| 05 15 16 00-0026 | LF | 1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope | 19.62 | 1.84 |
|                  |    | For >500, Deduct                                                                                                     | -2.99 |      |



|  |  |                          |           |           |
|--|--|--------------------------|-----------|-----------|
|  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  | Structural Metal Framing | 05 10     |           |
|  |  | Wire Rope Assemblies     | 05 15     |           |

| MINOR               |                                                                                                                                  | TOTAL DIRECT |  | DEMOLITION |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                                  | UNIT COST    |  | UNIT COST  |
| 05 15 16 00-0027    | 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope (05 15 16)                                            |              |  |            |
| 05 15 16 00-0028    | LF 1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 1.48         |  | 0.11       |
|                     | For >500, Deduct                                                                                                                 | -0.26        |  |            |
| 05 15 16 00-0029    | LF 5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                               | 2.01         |  | 0.11       |
|                     | For >500, Deduct                                                                                                                 | -0.34        |  |            |
| 05 15 16 00-0030    | LF 3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 2.38         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.39        |  |            |
| 05 15 16 00-0031    | LF 7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                               | 2.79         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.44        |  |            |
| 05 15 16 00-0032    | LF 1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 3.36         |  | 0.32       |
|                     | For >500, Deduct                                                                                                                 | -0.52        |  |            |
| 05 15 16 00-0033    | LF 9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                               | 4.26         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.66        |  |            |
| 05 15 16 00-0034    | LF 5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 4.96         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.76        |  |            |
| 05 15 16 00-0035    | LF 3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 6.97         |  | 0.76       |
|                     | For >500, Deduct                                                                                                                 | -1.05        |  |            |
| 05 15 16 00-0036    | LF 7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                | 8.53         |  | 0.87       |
|                     | For >500, Deduct                                                                                                                 | -1.24        |  |            |
| 05 15 16 00-0037    | LF 1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....                                  | 10.83        |  | 1.19       |
|                     | For >500, Deduct                                                                                                                 | -1.55        |  |            |
| 05 15 16 00-0038    | 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)                                     |              |  |            |
| 05 15 16 00-0039    | LF 1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 1.46         |  | 0.11       |
|                     | For >500, Deduct                                                                                                                 | -0.25        |  |            |
| 05 15 16 00-0040    | LF 5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                        | 1.94         |  | 0.11       |
|                     | For >500, Deduct                                                                                                                 | -0.33        |  |            |
| 05 15 16 00-0041    | LF 3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 2.38         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.39        |  |            |
| 05 15 16 00-0042    | LF 7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                        | 2.79         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.44        |  |            |
| 05 15 16 00-0043    | LF 1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 3.51         |  | 0.32       |
|                     | For >500, Deduct                                                                                                                 | -0.55        |  |            |
| 05 15 16 00-0044    | LF 9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                        | 4.18         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.64        |  |            |
| 05 15 16 00-0045    | LF 5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 5.24         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.81        |  |            |
| 05 15 16 00-0046    | LF 3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 7.31         |  | 0.76       |
|                     | For >500, Deduct                                                                                                                 | -1.12        |  |            |
| 05 15 16 00-0047    | LF 7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                         | 9.55         |  | 0.87       |
|                     | For >500, Deduct                                                                                                                 | -1.45        |  |            |
| 05 15 16 00-0048    | LF 1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....                           | 11.77        |  | 1.19       |
|                     | For >500, Deduct                                                                                                                 | -1.75        |  |            |
| 05 15 16 00-0049    | 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope (05 15 16)               |              |  |            |
| 05 15 16 00-0050    | LF 3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....   | 2.70         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.46        |  |            |
| 05 15 16 00-0051    | LF 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....  | 3.16         |  | 0.22       |
|                     | For >500, Deduct                                                                                                                 | -0.52        |  |            |
| 05 15 16 00-0052    | LF 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....   | 3.70         |  | 0.32       |
|                     | For >500, Deduct                                                                                                                 | -0.59        |  |            |
| 05 15 16 00-0053    | LF 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....  | 4.99         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.81        |  |            |
| 05 15 16 00-0054    | LF 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....   | 5.48         |  | 0.43       |
|                     | For >500, Deduct                                                                                                                 | -0.86        |  |            |
| 05 15 16 00-0055    | LF 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....   | 7.47         |  | 0.76       |
|                     | For >500, Deduct                                                                                                                 | -1.15        |  |            |
| 05 15 16 00-0056    | LF 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....   | 9.59         |  | 0.87       |
|                     | For >500, Deduct                                                                                                                 | -1.45        |  |            |
| 05 15 16 00-0057    | LF 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....     | 12.64        |  | 1.19       |
|                     | For >500, Deduct                                                                                                                 | -1.91        |  |            |
| 05 15 16 00-0058    | LF 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... | 15.30        |  | 1.52       |
|                     | For >500, Deduct                                                                                                                 | -2.30        |  |            |
| 05 15 16 00-0059    | LF 1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope..... | 18.47        |  | 1.84       |
|                     | For >500, Deduct                                                                                                                 | -2.76        |  |            |

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                              |                                                                                                                                        |       |      |  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|------|--|
| 05 15 16 00-0060 | 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <sup>(05 15 16)</sup>                |                                                                                                                                        |       |      |  |
| 05 15 16 00-0061 | LF                                                                                                                                           | 3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                 | 2.78  | 0.22 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.47 |      |  |
| 05 15 16 00-0062 | LF                                                                                                                                           | 7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                | 3.35  | 0.22 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.56 |      |  |
| 05 15 16 00-0063 | LF                                                                                                                                           | 1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                 | 3.96  | 0.32 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.64 |      |  |
| 05 15 16 00-0064 | LF                                                                                                                                           | 9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                | 5.54  | 0.43 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.92 |      |  |
| 05 15 16 00-0065 | LF                                                                                                                                           | 5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                 | 5.57  | 0.43 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.88 |      |  |
| 05 15 16 00-0066 | LF                                                                                                                                           | 3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                 | 7.66  | 0.76 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.19 |      |  |
| 05 15 16 00-0067 | LF                                                                                                                                           | 7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                 | 10.15 | 0.87 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.57 |      |  |
| 05 15 16 00-0068 | LF                                                                                                                                           | 1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope                   | 12.82 | 1.19 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.95 |      |  |
| 05 15 16 00-0069 | 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope <sup>(05 15 16)</sup> |                                                                                                                                        |       |      |  |
| 05 15 16 00-0070 | LF                                                                                                                                           | 1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope  | 2.88  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.54 |      |  |
| 05 15 16 00-0071 | LF                                                                                                                                           | 5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 3.10  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.56 |      |  |
| 05 15 16 00-0072 | LF                                                                                                                                           | 3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope  | 3.65  | 0.22 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.65 |      |  |
| 05 15 16 00-0073 | LF                                                                                                                                           | 7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 4.89  | 0.22 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.86 |      |  |
| 05 15 16 00-0074 | LF                                                                                                                                           | 1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope  | 5.58  | 0.22 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.00 |      |  |
| 05 15 16 00-0075 | LF                                                                                                                                           | 9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope | 6.44  | 0.43 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.10 |      |  |
| 05 15 16 00-0076 | LF                                                                                                                                           | 5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope  | 7.66  | 0.43 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.30 |      |  |
| 05 15 16 00-0077 | LF                                                                                                                                           | 3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope  | 10.53 | 0.65 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -1.77 |      |  |
| 05 15 16 00-0078 | 7x7, Galvanized Finish, Aircraft Cable <sup>(05 15 16)</sup>                                                                                 |                                                                                                                                        |       |      |  |
| 05 15 16 00-0079 | LF                                                                                                                                           | 1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable                                                                                 | 0.32  | 0.08 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.04 |      |  |
| 05 15 16 00-0080 | LF                                                                                                                                           | 3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable                                                                                 | 0.37  | 0.09 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.05 |      |  |
| 05 15 16 00-0081 | LF                                                                                                                                           | 1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable                                                                                  | 0.41  | 0.10 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.05 |      |  |
| 05 15 16 00-0082 | LF                                                                                                                                           | 5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable                                                                                 | 0.47  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.06 |      |  |
| 05 15 16 00-0083 | LF                                                                                                                                           | 3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable                                                                                 | 0.59  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.08 |      |  |
| 05 15 16 00-0084 | 7x19, Galvanized Finish, Aircraft Cable <sup>(05 15 16)</sup>                                                                                |                                                                                                                                        |       |      |  |
| 05 15 16 00-0085 | LF                                                                                                                                           | 1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable                                                                                 | 0.58  | 0.10 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.08 |      |  |
| 05 15 16 00-0086 | LF                                                                                                                                           | 5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable                                                                                | 0.62  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.09 |      |  |
| 05 15 16 00-0087 | LF                                                                                                                                           | 3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable                                                                                | 0.72  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.10 |      |  |
| 05 15 16 00-0088 | LF                                                                                                                                           | 1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable                                                                                 | 0.85  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.13 |      |  |
| 05 15 16 00-0089 | LF                                                                                                                                           | 5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable                                                                                | 1.28  | 0.11 |  |
|                  |                                                                                                                                              | For >500, Deduct                                                                                                                       | -0.20 |      |  |





|  |  |  |                          |           |           |
|--|--|--|--------------------------|-----------|-----------|
|  |  |  | <b>Metals</b>            | <b>05</b> | <b>05</b> |
|  |  |  | Structural Metal Framing | 05 10     |           |
|  |  |  | Wire Rope Assemblies     | 05 15     |           |

| MINOR               |                                                                               | TOTAL DIRECT |          |  | DEMOLITION |
|---------------------|-------------------------------------------------------------------------------|--------------|----------|--|------------|
| CSI UOM DESCRIPTION |                                                                               | UNIT COST    |          |  | UNIT COST  |
| 05 15 16 00-0090    | LF 3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable<br>For >500, Deduct |              | 1.71     |  | 0.11       |
|                     |                                                                               |              | -0.26    |  |            |
| 05 15 16 00-0091    | Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)                   |              |          |  |            |
| 05 15 16 00-0092    | EA 1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 13.81    |  | 3.25       |
| 05 15 16 00-0093    | EA 5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble            |              | 15.65    |  | 3.25       |
| 05 15 16 00-0094    | EA 3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 17.69    |  | 3.25       |
| 05 15 16 00-0095    | EA 7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble            |              | 23.30    |  | 3.25       |
| 05 15 16 00-0096    | EA 1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 23.33    |  | 3.25       |
| 05 15 16 00-0097    | EA 9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble            |              | 23.33    |  | 3.25       |
| 05 15 16 00-0098    | EA 5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 25.22    |  | 3.25       |
| 05 15 16 00-0099    | EA 3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 46.07    |  | 4.99       |
| 05 15 16 00-0100    | EA 7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble             |              | 54.37    |  | 6.06       |
| 05 15 16 00-0101    | EA 1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble               |              | 96.76    |  | 9.96       |
| 05 15 16 00-0102    | EA 1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble           |              | 138.86   |  | 13.54      |
| 05 15 16 00-0103    | EA 1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble           |              | 138.86   |  | 13.54      |
| 05 15 16 00-0104    | Galvanized Steel, Wire Rope Clips (05 15 16)                                  |              |          |  |            |
| 05 15 16 00-0105    | EA 1/8" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 16.40    |  | 3.25       |
| 05 15 16 00-0106    | EA 3/16" Diameter, Galvanized Steel, Wire Rope Clip                           |              | 16.75    |  | 3.25       |
| 05 15 16 00-0107    | EA 1/4" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 19.11    |  | 3.25       |
| 05 15 16 00-0108    | EA 5/16" Diameter, Galvanized Steel, Wire Rope Clip                           |              | 19.48    |  | 3.25       |
| 05 15 16 00-0109    | EA 3/8" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 20.01    |  | 3.25       |
| 05 15 16 00-0110    | EA 7/16" Diameter, Galvanized Steel, Wire Rope Clip                           |              | 25.08    |  | 3.25       |
| 05 15 16 00-0111    | EA 1/2" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 25.47    |  | 3.25       |
| 05 15 16 00-0112    | EA 9/16" Diameter, Galvanized Steel, Wire Rope Clip                           |              | 29.14    |  | 3.25       |
| 05 15 16 00-0113    | EA 5/8" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 29.67    |  | 3.25       |
| 05 15 16 00-0114    | EA 3/4" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 40.69    |  | 4.33       |
| 05 15 16 00-0115    | EA 7/8" Diameter, Galvanized Steel, Wire Rope Clip                            |              | 60.89    |  | 6.50       |
| 05 15 16 00-0116    | EA 1" Diameter, Galvanized Steel, Wire Rope Clip                              |              | 66.92    |  | 6.50       |
| 05 15 16 00-0117    | EA 1-1/8" Diameter, Galvanized Steel, Wire Rope Clip                          |              | 78.68    |  | 8.66       |
| 05 15 16 00-0118    | EA 1-1/4" Diameter, Galvanized Steel, Wire Rope Clip                          |              | 114.28   |  | 13.01      |
| 05 15 16 00-0119    | Steel, Open Swage Sockets (05 15 16)                                          |              |          |  |            |
| 05 15 16 00-0120    | EA 1/4" Diameter, Steel, Open Swage Socket                                    |              | 91.94    |  | 3.25       |
| 05 15 16 00-0121    | EA 5/16" Diameter, Steel, Open Swage Socket                                   |              | 146.78   |  | 3.25       |
| 05 15 16 00-0122    | EA 3/8" Diameter, Steel, Open Swage Socket                                    |              | 151.07   |  | 4.33       |
| 05 15 16 00-0123    | EA 7/16" Diameter, Steel, Open Swage Socket                                   |              | 179.54   |  | 5.42       |
| 05 15 16 00-0124    | EA 1/2" Diameter, Steel, Open Swage Socket                                    |              | 179.54   |  | 5.42       |
| 05 15 16 00-0125    | EA 9/16" Diameter, Steel, Open Swage Socket                                   |              | 262.24   |  | 11.92      |
| 05 15 16 00-0126    | EA 5/8" Diameter, Steel, Open Swage Socket                                    |              | 262.24   |  | 11.92      |
| 05 15 16 00-0127    | EA 3/4" Diameter, Steel, Open Swage Socket                                    |              | 334.35   |  | 22.75      |
| 05 15 16 00-0128    | EA 7/8" Diameter, Steel, Open Swage Socket                                    |              | 449.90   |  | 32.50      |
| 05 15 16 00-0129    | EA 1" Diameter, Steel, Open Swage Socket                                      |              | 632.86   |  | 49.84      |
| 05 15 16 00-0130    | EA 1-1/8" Diameter, Steel, Open Swage Socket                                  |              | 829.69   |  | 78.01      |
| 05 15 16 00-0131    | EA 1-1/4" Diameter, Steel, Open Swage Socket                                  |              | 965.98   |  | 89.93      |
| 05 15 16 00-0132    | Steel, Closed Swage Sockets (05 15 16)                                        |              |          |  |            |
| 05 15 16 00-0133    | EA 1/4" Diameter, Steel, Closed Swage Socket                                  |              | 73.90    |  | 3.25       |
| 05 15 16 00-0134    | EA 5/16" Diameter, Steel, Closed Swage Socket                                 |              | 100.14   |  | 3.25       |
| 05 15 16 00-0135    | EA 3/8" Diameter, Steel, Closed Swage Socket                                  |              | 100.14   |  | 3.25       |
| 05 15 16 00-0136    | EA 7/16" Diameter, Steel, Closed Swage Socket                                 |              | 124.78   |  | 4.33       |
| 05 15 16 00-0137    | EA 1/2" Diameter, Steel, Closed Swage Socket                                  |              | 125.98   |  | 4.33       |
| 05 15 16 00-0138    | EA 9/16" Diameter, Steel, Closed Swage Socket                                 |              | 172.63   |  | 7.59       |
| 05 15 16 00-0139    | EA 5/8" Diameter, Steel, Closed Swage Socket                                  |              | 177.79   |  | 8.66       |
| 05 15 16 00-0140    | EA 3/4" Diameter, Steel, Closed Swage Socket                                  |              | 219.60   |  | 14.08      |
| 05 15 16 00-0141    | EA 7/8" Diameter, Steel, Closed Swage Socket                                  |              | 283.59   |  | 20.58      |
| 05 15 16 00-0142    | EA 1" Diameter, Steel, Closed Swage Socket                                    |              | 405.64   |  | 28.17      |
| 05 15 16 00-0143    | EA 1-1/8" Diameter, Steel, Closed Swage Socket                                |              | 502.38   |  | 39.01      |
| 05 15 16 00-0144    | EA 1-1/4" Diameter, Steel, Closed Swage Socket                                |              | 680.17   |  | 60.67      |
| 05 15 16 00-0145    | Galvanized Steel, Open Spelter Sockets (05 15 16)                             |              |          |  |            |
| 05 15 16 00-0146    | EA 1/4" Galvanized Steel, Open Spelter Socket                                 |              | 154.16   |  | 3.25       |
| 05 15 16 00-0147    | EA 5/16" Galvanized Steel, Open Spelter Socket                                |              | 158.06   |  | 3.25       |
| 05 15 16 00-0148    | EA 3/8" Galvanized Steel, Open Spelter Socket                                 |              | 158.06   |  | 3.25       |
| 05 15 16 00-0149    | EA 7/16" Galvanized Steel, Open Spelter Socket                                |              | 176.30   |  | 6.50       |
| 05 15 16 00-0150    | EA 1/2" Galvanized Steel, Open Spelter Socket                                 |              | 176.30   |  | 6.50       |
| 05 15 16 00-0151    | EA 9/16" Galvanized Steel, Open Spelter Socket                                |              | 230.90   |  | 10.83      |
| 05 15 16 00-0152    | EA 5/8" Galvanized Steel, Open Spelter Socket                                 |              | 230.90   |  | 10.83      |
| 05 15 16 00-0153    | EA 3/4" Galvanized Steel, Open Spelter Socket                                 |              | 292.07   |  | 16.25      |
| 05 15 16 00-0154    | EA 7/8" Galvanized Steel, Open Spelter Socket                                 |              | 436.63   |  | 27.09      |
| 05 15 16 00-0155    | EA 1" Galvanized Steel, Open Spelter Socket                                   |              | 795.05   |  | 42.25      |
| 05 15 16 00-0156    | EA 1-1/8" Galvanized Steel, Open Spelter Socket                               |              | 932.19   |  | 68.26      |
| 05 15 16 00-0157    | EA 1-1/4" Galvanized Steel, Open Spelter Socket                               |              | 1,260.17 |  | 89.93      |

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets** (05 15 16)

|                  |    |                                                      |        |       |
|------------------|----|------------------------------------------------------|--------|-------|
| 05 15 16 00-0159 | EA | 1/4" Galvanized Steel, Closed Spelter Socket .....   | 129.20 | 3.25  |
| 05 15 16 00-0160 | EA | 5/16" Galvanized Steel, Closed Spelter Socket .....  | 129.71 | 3.25  |
| 05 15 16 00-0161 | EA | 3/8" Galvanized Steel, Closed Spelter Socket .....   | 129.71 | 3.25  |
| 05 15 16 00-0162 | EA | 7/16" Galvanized Steel, Closed Spelter Socket .....  | 145.13 | 5.42  |
| 05 15 16 00-0163 | EA | 1/2" Galvanized Steel, Closed Spelter Socket .....   | 145.13 | 5.42  |
| 05 15 16 00-0164 | EA | 9/16" Galvanized Steel, Closed Spelter Socket .....  | 202.79 | 9.75  |
| 05 15 16 00-0165 | EA | 5/8" Galvanized Steel, Closed Spelter Socket .....   | 202.79 | 9.75  |
| 05 15 16 00-0166 | EA | 3/4" Galvanized Steel, Closed Spelter Socket .....   | 248.35 | 14.08 |
| 05 15 16 00-0167 | EA | 7/8" Galvanized Steel, Closed Spelter Socket .....   | 362.51 | 21.67 |
| 05 15 16 00-0168 | EA | 1" Galvanized Steel, Closed Spelter Socket .....     | 547.29 | 33.59 |
| 05 15 16 00-0169 | EA | 1-1/8" Galvanized Steel, Closed Spelter Socket ..... | 716.35 | 45.51 |
| 05 15 16 00-0170 | EA | 1-1/4" Galvanized Steel, Closed Spelter Socket ..... | 902.10 | 60.67 |

**05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles** (05 15 16)

|                  |    |                                                               |          |        |
|------------------|----|---------------------------------------------------------------|----------|--------|
| 05 15 16 00-0172 | EA | 1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle .....         | 88.73    | 3.25   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -11.69   |        |
| 05 15 16 00-0173 | EA | 5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle .....    | 95.21    | 3.25   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -12.66   |        |
| 05 15 16 00-0174 | EA | 3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....         | 107.21   | 3.25   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -14.46   |        |
| 05 15 16 00-0175 | EA | 1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....         | 118.47   | 4.33   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -15.04   |        |
| 05 15 16 00-0176 | EA | 1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle .....         | 156.01   | 5.42   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -20.01   |        |
| 05 15 16 00-0177 | EA | 1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....        | 177.20   | 6.50   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -22.67   |        |
| 05 15 16 00-0178 | EA | 5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....         | 179.97   | 8.66   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -21.99   |        |
| 05 15 16 00-0179 | EA | 5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle .....         | 222.98   | 8.66   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -28.03   |        |
| 05 15 16 00-0180 | EA | 5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....        | 253.33   | 9.75   |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -32.19   |        |
| 05 15 16 00-0181 | EA | 3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....         | 242.60   | 11.92  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -29.48   |        |
| 05 15 16 00-0182 | EA | 3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle .....         | 275.88   | 14.08  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -32.83   |        |
| 05 15 16 00-0183 | EA | 3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....        | 341.27   | 15.17  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -41.90   |        |
| 05 15 16 00-0184 | EA | 3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....        | 410.55   | 18.42  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -50.37   |        |
| 05 15 16 00-0185 | EA | 7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....        | 466.08   | 26.00  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -54.43   |        |
| 05 15 16 00-0186 | EA | 7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....        | 565.64   | 30.34  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -66.79   |        |
| 05 15 16 00-0187 | EA | 1" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....           | 484.45   | 26.00  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -57.19   |        |
| 05 15 16 00-0188 | EA | 1" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....          | 553.16   | 33.59  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -62.66   |        |
| 05 15 16 00-0189 | EA | 1" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....          | 759.75   | 42.25  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -88.96   |        |
| 05 15 16 00-0190 | EA | 1" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....          | 848.89   | 49.84  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -97.78   |        |
| 05 15 16 00-0191 | EA | 1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....      | 944.46   | 60.67  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -105.55  |        |
| 05 15 16 00-0192 | EA | 1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....      | 1,141.65 | 68.26  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -130.62  |        |
| 05 15 16 00-0193 | EA | 1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....      | 1,481.58 | 78.01  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -175.80  |        |
| 05 15 16 00-0194 | EA | 1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....      | 1,463.02 | 83.43  |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -169.45  |        |
| 05 15 16 00-0195 | EA | 1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....      | 1,605.41 | 108.34 |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -175.80  |        |
| 05 15 16 00-0196 | EA | 1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....      | 2,906.95 | 140.85 |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -354.78  |        |
| 05 15 16 00-0197 | EA | 2" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....          | 4,754.85 | 270.87 |
|                  |    | For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct ..... | -550.70  |        |

**05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts** (05 15 16)

|                  |    |                                                                                                             |        |  |
|------------------|----|-------------------------------------------------------------------------------------------------------------|--------|--|
| 05 15 16 00-0199 | EA | 1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....      | 17.94  |  |
| 05 15 16 00-0200 | EA | 5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....     | 18.03  |  |
| 05 15 16 00-0201 | EA | 3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....        | 20.47  |  |
| 05 15 16 00-0202 | EA | 7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....  | 24.51  |  |
| 05 15 16 00-0203 | EA | 1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....   | 24.39  |  |
| 05 15 16 00-0204 | EA | 5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....    | 33.68  |  |
| 05 15 16 00-0205 | EA | 3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....    | 40.76  |  |
| 05 15 16 00-0206 | EA | 7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....  | 55.45  |  |
| 05 15 16 00-0207 | EA | 1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....    | 74.96  |  |
| 05 15 16 00-0208 | EA | 1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....      | 109.68 |  |
| 05 15 16 00-0209 | EA | 1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt ..... | 130.67 |  |



|  |  |                                 |              |           |
|--|--|---------------------------------|--------------|-----------|
|  |  | <b>Metals</b>                   | <b>05</b>    |           |
|  |  | <b>Structural Metal Framing</b> | <b>05 10</b> | <b>05</b> |
|  |  | <b>Wire Rope Assemblies</b>     | <b>05 15</b> |           |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 15 16 00-0210 EA 1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....           | 239.06                    |                         |
| 05 15 16 00-0211 EA 1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....           | 274.34                    |                         |
| 05 15 16 00-0212 EA 2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....               | 339.68                    |                         |
| <b>05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts (05 15 16)</b>                                                              |                           |                         |
| 05 15 16 00-0214 EA 1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 23.93                     |                         |
| 05 15 16 00-0215 EA 1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 21.44                     |                         |
| 05 15 16 00-0216 EA 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....  | 29.57                     |                         |
| 05 15 16 00-0217 EA 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....  | 19.41                     |                         |
| 05 15 16 00-0218 EA 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....   | 26.68                     |                         |
| 05 15 16 00-0219 EA 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 40.85                     |                         |
| 05 15 16 00-0220 EA 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 39.54                     |                         |
| 05 15 16 00-0221 EA 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....   | 37.51                     |                         |
| 05 15 16 00-0222 EA 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 33.49                     |                         |
| 05 15 16 00-0223 EA 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....       | 34.58                     |                         |
| 05 15 16 00-0224 EA 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....         | 30.35                     |                         |
| 05 15 16 00-0225 EA 1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....         | 23.88                     |                         |
| 05 15 16 00-0226 EA 1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 31.53                     |                         |
| 05 15 16 00-0227 EA 1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....         | 43.54                     |                         |
| 05 15 16 00-0228 EA 1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 32.71                     |                         |
| 05 15 16 00-0229 EA 1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....         | 53.50                     |                         |
| 05 15 16 00-0230 EA 1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....         | 46.88                     |                         |
| 05 15 16 00-0231 EA 1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....        | 42.61                     |                         |
| 05 15 16 00-0232 EA 1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....        | 50.39                     |                         |
| 05 15 16 00-0233 EA 5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 51.09                     |                         |
| 05 15 16 00-0234 EA 5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt ..... | 45.31                     |                         |
| 05 15 16 00-0235 EA 5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 57.40                     |                         |
| 05 15 16 00-0236 EA 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 66.01                     |                         |
| 05 15 16 00-0237 EA 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....    | 76.36                     |                         |
| 05 15 16 00-0238 EA 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....    | 62.78                     |                         |
| 05 15 16 00-0239 EA 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt ..... | 62.84                     |                         |
| 05 15 16 00-0240 EA 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 64.10                     |                         |
| 05 15 16 00-0241 EA 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....     | 71.00                     |                         |
| 05 15 16 00-0242 EA 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....    | 76.68                     |                         |
| 05 15 16 00-0243 EA 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....    | 89.90                     |                         |
| 05 15 16 00-0244 EA 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....           | 119.47                    |                         |
| <b>05 15 19 Stainless Steel Wire Rope Assemblies (05 15 19)</b>                                                                          |                           |                         |
| <b>05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable (05 15 19)</b>                                                              |                           |                         |
| 05 15 19 00-0002 LF 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.26                      | 0.08                    |
| For >500, Deduct                                                                                                                         | -0.03                     |                         |
| 05 15 19 00-0003 LF 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.34                      | 0.09                    |
| For >500, Deduct                                                                                                                         | -0.04                     |                         |
| 05 15 19 00-0004 LF 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable .....                                                        | 0.44                      | 0.10                    |
| For >500, Deduct                                                                                                                         | -0.06                     |                         |
| 05 15 19 00-0005 LF 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.56                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.08                     |                         |
| 05 15 19 00-0006 LF 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.71                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.10                     |                         |
| <b>05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable (05 15 19)</b>                                                             |                           |                         |
| 05 15 19 00-0008 LF 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.50                      | 0.10                    |
| For >500, Deduct                                                                                                                         | -0.07                     |                         |
| 05 15 19 00-0009 LF 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                      | 0.57                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.08                     |                         |
| 05 15 19 00-0010 LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                      | 0.67                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.09                     |                         |
| 05 15 19 00-0011 LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                       | 0.84                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.13                     |                         |
| 05 15 19 00-0012 LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                      | 1.28                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.20                     |                         |
| 05 15 19 00-0013 LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable .....                                                       | 1.91                      | 0.22                    |
| For >500, Deduct                                                                                                                         | -0.30                     |                         |
| <b>05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable (05 15 19)</b>                                                              |                           |                         |
| 05 15 19 00-0015 LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable .....                                                       | 0.26                      | 0.08                    |
| For >500, Deduct                                                                                                                         | -0.03                     |                         |
| 05 15 19 00-0016 LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable .....                                                       | 0.34                      | 0.09                    |
| For >500, Deduct                                                                                                                         | -0.04                     |                         |
| 05 15 19 00-0017 LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable .....                                                        | 0.44                      | 0.10                    |
| For >500, Deduct                                                                                                                         | -0.06                     |                         |
| 05 15 19 00-0018 LF 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable .....                                                       | 0.56                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.08                     |                         |
| 05 15 19 00-0019 LF 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable .....                                                       | 0.71                      | 0.11                    |
| For >500, Deduct                                                                                                                         | -0.10                     |                         |

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                   |       |      |
|------------------|-------------------------------------------------------------------|-------|------|
| 05 15 19 00-0020 | 7x19, 316 Stainless Steel, Aircraft Cable (05 15 19)              |       |      |
| 05 15 19 00-0021 | LF 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....  | 0.50  | 0.10 |
|                  | For >500, Deduct                                                  | -0.07 |      |
| 05 15 19 00-0022 | LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable..... | 0.57  | 0.11 |
|                  | For >500, Deduct                                                  | -0.08 |      |
| 05 15 19 00-0023 | LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable..... | 0.67  | 0.11 |
|                  | For >500, Deduct                                                  | -0.09 |      |
| 05 15 19 00-0024 | LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....  | 0.84  | 0.11 |
|                  | For >500, Deduct                                                  | -0.13 |      |
| 05 15 19 00-0025 | LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable..... | 1.28  | 0.11 |
|                  | For >500, Deduct                                                  | -0.20 |      |
| 05 15 19 00-0026 | LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....  | 1.91  | 0.11 |
|                  | For >500, Deduct                                                  | -0.30 |      |

**05 20 Metal Joists** (05)

Note: Includes all connecting bolts and welds.

**05 21 Steel Joist Framing** (05 20)**05 21 19 Open Web Steel Joist Framing** (05 21)

|                  |                                                                                   |          |        |
|------------------|-----------------------------------------------------------------------------------|----------|--------|
| 05 21 19 00-0001 | Open Web Joists (05 21 19)                                                        |          |        |
| 05 21 19 00-0002 | TON H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....     | 2,680.22 | 194.50 |
|                  | For Welded Cross Bridging, Add                                                    | 243.13   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 224.37   |        |
| 05 21 19 00-0003 | TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....   | 2,456.61 | 182.34 |
|                  | For Welded Cross Bridging, Add                                                    | 216.11   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 208.35   |        |
| 05 21 19 00-0004 | TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....    | 2,948.50 | 182.34 |
|                  | For Welded Cross Bridging, Add                                                    | 224.43   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 264.05   |        |
| 05 21 19 00-0005 | TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging..... | 3,339.68 | 182.34 |
|                  | For Welded Cross Bridging, Add                                                    | 224.43   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 310.99   |        |
| 05 21 19 00-0006 | TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....            | 2,961.94 | 182.34 |
|                  | For Welded Cross Bridging, Add                                                    | 243.13   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 258.18   |        |
| 05 21 19 00-0007 | TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....        | 3,681.97 | 182.34 |
|                  | For Welded Cross Bridging, Add                                                    | 224.43   |        |
|                  | For Shop Prime Paint Other Than Manufacturer's Standard, Add                      | 352.07   |        |

**05 30 Metal Decking** (05)

Note: Includes all connecting bolts and welds.

**05 31 Steel Decking** (05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

**05 31 13 Steel Floor Decking** (05 31)

Note: Floor or roof decking

|                  |                                                                 |       |      |
|------------------|-----------------------------------------------------------------|-------|------|
| 05 31 13 00-0001 | Open Ribbed Galvanized Steel Deck (05 31 13)                    |       |      |
| 05 31 13 00-0002 | SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....     | 3.16  | 0.49 |
|                  | For Site Installed Insulation Between Ribs, Add                 | 0.84  |      |
|                  | For Painted, Deduct                                             | -0.13 |      |
|                  | For Perforated Or Slotted, Add                                  | 0.13  |      |
|                  | For Up To 100, Add                                              | 0.87  |      |
|                  | For >100 To 500, Add                                            | 0.50  |      |
|                  | For >500 To 1,500, Add                                          | 0.15  |      |
| 05 31 13 00-0003 | SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....     | 3.60  | 0.57 |
|                  | For Site Installed Insulation Between Ribs, Add                 | 0.95  |      |
|                  | For Painted, Deduct                                             | -0.14 |      |
|                  | For Perforated Or Slotted, Add                                  | 0.14  |      |
|                  | For Up To 100, Add                                              | 1.00  |      |
|                  | For >100 To 500, Add                                            | 0.57  |      |
|                  | For >500 To 1,500, Add                                          | 0.18  |      |
| 05 31 13 00-0004 | SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....     | 4.51  | 0.69 |
|                  | For Site Installed Insulation Between Ribs, Add                 | 1.19  |      |
|                  | For Painted, Deduct                                             | -0.18 |      |
|                  | For Perforated Or Slotted, Add                                  | 0.18  |      |
|                  | For Up To 100, Add                                              | 1.23  |      |
|                  | For >100 To 500, Add                                            | 0.71  |      |
|                  | For >500 To 1,500, Add                                          | 0.22  |      |
| 05 31 13 00-0005 | SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck..... | 3.47  | 0.55 |
|                  | For Site Installed Insulation Between Ribs, Add                 | 0.92  |      |
|                  | For Painted, Deduct                                             | -0.14 |      |
|                  | For Perforated Or Slotted, Add                                  | 0.14  |      |
|                  | For Up To 100, Add                                              | 0.97  |      |
|                  | For >100 To 500, Add                                            | 0.55  |      |
|                  | For >500 To 1,500, Add                                          | 0.17  |      |



|  |  |                      |              |           |
|--|--|----------------------|--------------|-----------|
|  |  | <b>Metals</b>        | <b>05</b>    | <b>05</b> |
|  |  | <b>Metal Decking</b> | <b>05 30</b> |           |
|  |  | <b>Steel Decking</b> | <b>05 31</b> |           |

| MINOR            | CSI | UOM                                                     | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------|-------------|---------------------------|-------------------------|
| 05 31 13 00-0006 | SF  | 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck | .....       | 3.99                      | 0.63                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.06                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.16                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.16                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.11                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.64                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.20                      |                         |
| 05 31 13 00-0007 | SF  | 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | .....       | 5.00                      | 0.77                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.32                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.20                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.20                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.36                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.79                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.24                      |                         |
| 05 31 13 00-0008 | SF  | 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 3.92                      | 0.58                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.03                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.16                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.16                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.04                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.61                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.18                      |                         |
| 05 31 13 00-0009 | SF  | 2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 4.56                      | 0.67                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.20                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.19                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.19                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.20                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.71                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.21                      |                         |
| 05 31 13 00-0010 | SF  | 2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 5.61                      | 0.75                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.47                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.23                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.23                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.40                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.84                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.23                      |                         |
| 05 31 13 00-0011 | SF  | 2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 7.06                      | 0.81                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.84                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.30                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.30                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.62                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 1.01                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.26                      |                         |
| 05 31 13 00-0012 | SF  | 3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 4.38                      | 0.61                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.15                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.18                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.18                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.12                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.67                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.19                      |                         |
| 05 31 13 00-0013 | SF  | 3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 5.12                      | 0.69                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.35                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.21                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.21                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.29                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.77                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.22                      |                         |
| 05 31 13 00-0014 | SF  | 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 6.38                      | 0.85                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 1.67                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.27                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.27                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.60                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 0.96                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.27                      |                         |
| 05 31 13 00-0015 | SF  | 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck     | .....       | 8.04                      | 1.04                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 2.11                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.34                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.34                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 1.97                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 1.19                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.33                      |                         |
| 05 31 13 00-0016 | SF  | 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck | .....       | 11.63                     |                         |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 2.98                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.54                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.54                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 2.00                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 1.44                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.23                      |                         |
| 05 31 13 00-0017 | SF  | 4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck | .....       | 14.68                     | 0.85                    |
|                  |     | For Site Installed Insulation Between Ribs, Add         | .....       | 3.75                      |                         |
|                  |     | For Painted, Deduct                                     | .....       | -0.68                     |                         |
|                  |     | For Perforated Or Slotted, Add                          | .....       | 0.68                      |                         |
|                  |     | For Up To 100, Add                                      | .....       | 2.43                      |                         |
|                  |     | For >100 To 500, Add                                    | .....       | 1.79                      |                         |
|                  |     | For >500 To 1,500, Add                                  | .....       | 0.27                      |                         |

|    |              |                      |
|----|--------------|----------------------|
| 05 | <b>05</b>    | <b>Metals</b>        |
|    | <b>05 30</b> | <b>Metal Decking</b> |
|    | <b>05 31</b> | <b>Steel Decking</b> |



| MINOR            |     | DESCRIPTION                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| CSI              | UOM |                                                                                                                                                                                                  |                           |                         |
| 05 31 13 00-0018 | SF  | 6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck .....                                                                                                                                        | 13.63                     | 0.85                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 3.49                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.63                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.63                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.33                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.68                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.27                      |                         |
| 05 31 13 00-0019 | SF  | 6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck .....                                                                                                                                        | 14.29                     | 1.04                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 3.67                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.65                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.65                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.60                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.82                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.33                      |                         |
| 05 31 13 00-0020 | SF  | 6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck .....                                                                                                                                        | 17.83                     | 1.26                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 4.58                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.81                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.81                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 3.20                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 2.25                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.39                      |                         |
| 05 31 13 00-0021 | SF  | 7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck .....                                                                                                                                    | 15.79                     | 1.14                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 4.05                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.72                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.72                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.86                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 2.01                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.36                      |                         |
| 05 31 13 00-0022 | SF  | 7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck .....                                                                                                                                    | 19.68                     | 1.38                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 5.05                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.90                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.90                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 3.53                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 2.49                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.43                      |                         |
| 05 31 13 00-0023 |     | Cellular Galvanized Steel Deck (05 31 13)<br>Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels. |                           |                         |
| 05 31 13 00-0024 | SF  | 1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck .....                                                                                                                                        | 10.44                     | 0.87                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 2.69                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.47                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.47                      |                         |
|                  |     | For Insulated Cells, Add                                                                                                                                                                         | 2.10                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.03                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.37                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.28                      |                         |
| 05 31 13 00-0025 | SF  | 1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck .....                                                                                                                                        | 11.34                     | 1.16                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 2.94                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.49                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.49                      |                         |
|                  |     | For Insulated Cells, Add                                                                                                                                                                         | 2.23                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.44                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.57                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.36                      |                         |
| 05 31 13 00-0026 | SF  | 1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck .....                                                                                                                                    | 12.81                     | 0.91                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 3.29                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.58                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.58                      |                         |
|                  |     | For Insulated Cells, Add                                                                                                                                                                         | 2.62                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.32                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.63                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.29                      |                         |
| 05 31 13 00-0027 | SF  | 1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck .....                                                                                                                                    | 13.85                     | 1.22                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 3.58                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.62                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.62                      |                         |
|                  |     | For Insulated Cells, Add                                                                                                                                                                         | 2.77                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.75                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.84                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.38                      |                         |
| 05 31 13 00-0028 | SF  | 3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck .....                                                                                                                                        | 14.66                     | 1.12                    |
|                  |     | For Site Installed Insulation Between Ribs, Add                                                                                                                                                  | 3.77                      |                         |
|                  |     | For Painted, Deduct                                                                                                                                                                              | -0.66                     |                         |
|                  |     | For Perforated Or Slotted, Add                                                                                                                                                                   | 0.66                      |                         |
|                  |     | For Insulated Cells, Add                                                                                                                                                                         | 2.99                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                               | 2.70                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                             | 1.88                      |                         |
|                  |     | For >500 To 1,500, Add                                                                                                                                                                           | 0.34                      |                         |



|  |                      |              |           |
|--|----------------------|--------------|-----------|
|  | <b>Metals</b>        | <b>05</b>    |           |
|  | <b>Metal Decking</b> | <b>05 30</b> |           |
|  | <b>Steel Decking</b> | <b>05 31</b> | <b>05</b> |

| MINOR            | CSI | UOM | DESCRIPTION                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------|------------------------|----------------------|
| 05 31 13 00-0029 | SF  |     | 3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....     | 17.53                  | 1.28                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 4.50                   |                      |
|                  |     |     | For Painted, Deduct                                          | -0.80                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 0.80                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 3.58                   |                      |
|                  |     |     | For Up To 100, Add                                           | 3.19                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 2.23                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.40                   |                      |
| 05 31 13 00-0030 | SF  |     | 3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....     | 19.66                  | 1.38                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 5.04                   |                      |
|                  |     |     | For Painted, Deduct                                          | -0.90                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 0.90                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 4.03                   |                      |
|                  |     |     | For Up To 100, Add                                           | 3.52                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 2.49                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.43                   |                      |
| 05 31 13 00-0031 | SF  |     | 3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....     | 21.26                  | 1.48                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 5.45                   |                      |
|                  |     |     | For Painted, Deduct                                          | -0.97                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 0.97                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 4.37                   |                      |
|                  |     |     | For Up To 100, Add                                           | 3.80                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 2.68                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.47                   |                      |
| 05 31 13 00-0032 | SF  |     | 4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck..... | 22.77                  | 1.12                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 5.80                   |                      |
|                  |     |     | For Painted, Deduct                                          | -1.07                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 1.07                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 4.81                   |                      |
|                  |     |     | For Up To 100, Add                                           | 3.54                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 2.70                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.35                   |                      |
| 05 31 13 00-0033 | SF  |     | 4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck..... | 24.21                  | 1.30                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 6.17                   |                      |
|                  |     |     | For Painted, Deduct                                          | -1.13                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 1.13                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 5.08                   |                      |
|                  |     |     | For Up To 100, Add                                           | 3.89                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 2.91                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.41                   |                      |
| 05 31 13 00-0034 | SF  |     | 4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck..... | 25.59                  | 1.40                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 6.53                   |                      |
|                  |     |     | For Painted, Deduct                                          | -1.19                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 1.19                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 5.36                   |                      |
|                  |     |     | For Up To 100, Add                                           | 4.14                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 3.09                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.44                   |                      |
| 05 31 13 00-0035 | SF  |     | 4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck..... | 27.28                  | 1.50                 |
|                  |     |     | For Site Installed Insulation Between Ribs, Add              | 6.96                   |                      |
|                  |     |     | For Painted, Deduct                                          | -1.27                  |                      |
|                  |     |     | For Perforated Or Slotted, Add                               | 1.27                   |                      |
|                  |     |     | For Insulated Cells, Add                                     | 5.72                   |                      |
|                  |     |     | For Up To 100, Add                                           | 4.42                   |                      |
|                  |     |     | For >100 To 500, Add                                         | 3.29                   |                      |
|                  |     |     | For >500 To 1,500, Add                                       | 0.47                   |                      |

**05 31 23 Steel Roof Decking** (05 31)

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

**05 31 33 Steel Form Decking** (05 31)

**05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck** (05 31 33)

|                  |    |  |                                                                  |       |  |
|------------------|----|--|------------------------------------------------------------------|-------|--|
| 05 31 33 00-0002 | SF |  | 9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck..... | 2.84  |  |
|                  |    |  | For Painted, Deduct                                              | -0.10 |  |
|                  |    |  | For Perforated Or Slotted, Add                                   | 0.10  |  |
|                  |    |  | For Up To 100, Add                                               | 1.10  |  |
|                  |    |  | For >100 To 500, Add                                             | 0.56  |  |
|                  |    |  | For >500 To 1,500, Add                                           | 0.23  |  |
| 05 31 33 00-0003 | SF |  | 9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck..... | 3.02  |  |
|                  |    |  | For Painted, Deduct                                              | -0.10 |  |
|                  |    |  | For Perforated Or Slotted, Add                                   | 0.10  |  |
|                  |    |  | For Up To 100, Add                                               | 1.17  |  |
|                  |    |  | For >100 To 500, Add                                             | 0.59  |  |
|                  |    |  | For >500 To 1,500, Add                                           | 0.24  |  |
| 05 31 33 00-0004 | SF |  | 9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck..... | 3.35  |  |
|                  |    |  | For Painted, Deduct                                              | -0.11 |  |
|                  |    |  | For Perforated Or Slotted, Add                                   | 0.11  |  |
|                  |    |  | For Up To 100, Add                                               | 1.34  |  |
|                  |    |  | For >100 To 500, Add                                             | 0.67  |  |
|                  |    |  | For >500 To 1,500, Add                                           | 0.28  |  |

**05 Metals****05 30 Metal Decking****05 31 Steel Decking**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                        |       |
|------------------|------------------------------------------------------------------------|-------|
| 05 31 33 00-0005 | SF 9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....    | 3.62  |
|                  | For Painted, Deduct                                                    | -0.12 |
|                  | For Perforated Or Slotted, Add                                         | 0.12  |
|                  | For Up To 100, Add                                                     | 1.51  |
|                  | For >100 To 500, Add                                                   | 0.74  |
|                  | For >500 To 1,500, Add                                                 | 0.32  |
| 05 31 33 00-0006 | SF 15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....   | 3.42  |
|                  | For Painted, Deduct                                                    | -0.12 |
|                  | For Perforated Or Slotted, Add                                         | 0.12  |
|                  | For Up To 100, Add                                                     | 1.21  |
|                  | For >100 To 500, Add                                                   | 0.63  |
|                  | For >500 To 1,500, Add                                                 | 0.24  |
| 05 31 33 00-0007 | SF 15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....   | 3.60  |
|                  | For Painted, Deduct                                                    | -0.13 |
|                  | For Perforated Or Slotted, Add                                         | 0.13  |
|                  | For Up To 100, Add                                                     | 1.28  |
|                  | For >100 To 500, Add                                                   | 0.67  |
|                  | For >500 To 1,500, Add                                                 | 0.26  |
| 05 31 33 00-0008 | SF 15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....   | 3.79  |
|                  | For Painted, Deduct                                                    | -0.13 |
|                  | For Perforated Or Slotted, Add                                         | 0.13  |
|                  | For Up To 100, Add                                                     | 1.39  |
|                  | For >100 To 500, Add                                                   | 0.72  |
|                  | For >500 To 1,500, Add                                                 | 0.28  |
| 05 31 33 00-0009 | SF 15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....   | 4.04  |
|                  | For Painted, Deduct                                                    | -0.14 |
|                  | For Perforated Or Slotted, Add                                         | 0.14  |
|                  | For Up To 100, Add                                                     | 1.55  |
|                  | For >100 To 500, Add                                                   | 0.79  |
|                  | For >500 To 1,500, Add                                                 | 0.32  |
| 05 31 33 00-0010 | SF 1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck..... | 4.26  |
|                  | For Painted, Deduct                                                    | -0.15 |
|                  | For Perforated Or Slotted, Add                                         | 0.15  |
|                  | For Up To 100, Add                                                     | 1.61  |
|                  | For >100 To 500, Add                                                   | 0.82  |
|                  | For >500 To 1,500, Add                                                 | 0.33  |
| 05 31 33 00-0011 | SF 1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck..... | 4.65  |
|                  | For Painted, Deduct                                                    | -0.16 |
|                  | For Perforated Or Slotted, Add                                         | 0.16  |
|                  | For Up To 100, Add                                                     | 1.70  |
|                  | For >100 To 500, Add                                                   | 0.88  |
|                  | For >500 To 1,500, Add                                                 | 0.34  |
| 05 31 33 00-0012 | SF 1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck..... | 5.33  |
|                  | For Painted, Deduct                                                    | -0.19 |
|                  | For Perforated Or Slotted, Add                                         | 0.19  |
|                  | For Up To 100, Add                                                     | 1.86  |
|                  | For >100 To 500, Add                                                   | 0.97  |
|                  | For >500 To 1,500, Add                                                 | 0.37  |
| 05 31 33 00-0013 | SF 1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck..... | 5.91  |
|                  | For Painted, Deduct                                                    | -0.21 |
|                  | For Perforated Or Slotted, Add                                         | 0.21  |
|                  | For Up To 100, Add                                                     | 2.10  |
|                  | For >100 To 500, Add                                                   | 1.10  |
|                  | For >500 To 1,500, Add                                                 | 0.42  |

**05 36 Composite Metal Decking** (05 30)

See CSI section 03 30 00 00-0000 for concrete.

**05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck** (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

|                  |                                                                           |       |
|------------------|---------------------------------------------------------------------------|-------|
| 05 36 00 00-0002 | SF 1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck..... | 4.30  |
|                  | For Painted, Deduct                                                       | -0.15 |
|                  | For Perforated Or Slotted, Add                                            | 0.15  |
|                  | For Up To 100, Add                                                        | 1.62  |
|                  | For >100 To 500, Add                                                      | 0.83  |
|                  | For >500 To 1,500, Add                                                    | 0.33  |
| 05 36 00 00-0003 | SF 1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck..... | 4.59  |
|                  | For Painted, Deduct                                                       | -0.16 |
|                  | For Perforated Or Slotted, Add                                            | 0.16  |
|                  | For Up To 100, Add                                                        | 1.78  |
|                  | For >100 To 500, Add                                                      | 0.90  |
|                  | For >500 To 1,500, Add                                                    | 0.37  |
| 05 36 00 00-0004 | SF 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck..... | 5.13  |
|                  | For Painted, Deduct                                                       | -0.17 |
|                  | For Perforated Or Slotted, Add                                            | 0.17  |
|                  | For Up To 100, Add                                                        | 2.16  |
|                  | For >100 To 500, Add                                                      | 1.06  |
|                  | For >500 To 1,500, Add                                                    | 0.46  |
| 05 36 00 00-0005 | SF 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck..... | 5.59  |
|                  | For Painted, Deduct                                                       | -0.17 |
|                  | For Perforated Or Slotted, Add                                            | 0.17  |
|                  | For Up To 100, Add                                                        | 2.52  |
|                  | For >100 To 500, Add                                                      | 1.21  |
|                  | For >500 To 1,500, Add                                                    | 0.55  |





|  |                                |              |           |
|--|--------------------------------|--------------|-----------|
|  | <b>Metals</b>                  | <b>05</b>    |           |
|  | <b>Metal Decking</b>           | <b>05 30</b> | <b>05</b> |
|  | <b>Composite Metal Decking</b> | <b>05 36</b> |           |

| MINOR            | CSI | UOM    | DESCRIPTION                                                                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 36 00 00-0006 | SF  | 2"     | Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 4.59                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.16                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.16                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 1.78                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 0.90                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.37                   |                      |
| 05 36 00 00-0007 | SF  | 2"     | Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 4.97                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.17                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.17                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 1.96                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 0.99                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.41                   |                      |
| 05 36 00 00-0008 | SF  | 2"     | Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 5.50                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.18                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.18                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.33                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.14                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.50                   |                      |
| 05 36 00 00-0009 | SF  | 2"     | Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 6.01                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.18                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.18                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.72                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.31                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.59                   |                      |
| 05 36 00 00-0010 | SF  | 3"     | Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 4.82                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.17                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.17                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 1.85                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 0.94                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.38                   |                      |
| 05 36 00 00-0011 | SF  | 3"     | Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 5.18                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.17                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.17                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.08                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.04                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.43                   |                      |
| 05 36 00 00-0012 | SF  | 3"     | Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 5.79                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.18                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.18                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.50                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.22                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.53                   |                      |
| 05 36 00 00-0013 | SF  | 3"     | Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....                                                                               | 6.47                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.20                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.20                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.94                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.41                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.64                   |                      |
| 05 36 00 00-0014 |     |        | <b>Composite Cellular Galvanized Steel Deck</b> (05 36)                                                                                       |                        |                      |
|                  |     |        | Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.                                     |                        |                      |
|                  |     |        | Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels. |                        |                      |
| 05 36 00 00-0015 | SF  | 1-1/2" | Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....                                                                               | 7.90                   |                      |
|                  |     |        | For Site Installed Insulation Between Ribs, Add                                                                                               | 2.15                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.28                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.28                   |                      |
|                  |     |        | For Insulated Cells, Add                                                                                                                      | 1.24                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 2.95                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.51                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.60                   |                      |
| 05 36 00 00-0016 | SF  | 1-1/2" | Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....                                                                               | 8.43                   |                      |
|                  |     |        | For Site Installed Insulation Between Ribs, Add                                                                                               | 2.31                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.29                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.29                   |                      |
|                  |     |        | For Insulated Cells, Add                                                                                                                      | 1.30                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 3.23                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.64                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.66                   |                      |
| 05 36 00 00-0017 | SF  | 1-1/2" | Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....                                                                               | 8.53                   |                      |
|                  |     |        | For Site Installed Insulation Between Ribs, Add                                                                                               | 2.34                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.29                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.29                   |                      |
|                  |     |        | For Insulated Cells, Add                                                                                                                      | 1.30                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 3.33                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.68                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.69                   |                      |
| 05 36 00 00-0018 | SF  | 1-1/2" | Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....                                                                               | 9.06                   |                      |
|                  |     |        | For Site Installed Insulation Between Ribs, Add                                                                                               | 2.49                   |                      |
|                  |     |        | For Painted, Deduct                                                                                                                           | -0.30                  |                      |
|                  |     |        | For Perforated Or Slotted, Add                                                                                                                | 0.30                   |                      |
|                  |     |        | For Insulated Cells, Add                                                                                                                      | 1.35                   |                      |
|                  |     |        | For Up To 100, Add                                                                                                                            | 3.66                   |                      |
|                  |     |        | For >100 To 500, Add                                                                                                                          | 1.82                   |                      |
|                  |     |        | For >500 To 1,500, Add                                                                                                                        | 0.77                   |                      |

**05 Metals****05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                           |       |  |
|------------------|---------------------------------------------------------------------------|-------|--|
| 05 36 00 00-0019 | SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck..... | 9.70  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.67  |  |
|                  | For Painted, Deduct                                                       | -0.32 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.32  |  |
|                  | For Insulated Cells, Add                                                  | 1.44  |  |
|                  | For Up To 100, Add                                                        | 3.95  |  |
|                  | For >100 To 500, Add                                                      | 1.96  |  |
|                  | For >500 To 1,500, Add                                                    | 0.83  |  |
| 05 36 00 00-0020 | SF 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck..... | 9.80  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.71  |  |
|                  | For Painted, Deduct                                                       | -0.32 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.32  |  |
|                  | For Insulated Cells, Add                                                  | 1.44  |  |
|                  | For Up To 100, Add                                                        | 4.05  |  |
|                  | For >100 To 500, Add                                                      | 2.00  |  |
|                  | For >500 To 1,500, Add                                                    | 0.85  |  |
| 05 36 00 00-0021 | SF 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck..... | 10.33 |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.86  |  |
|                  | For Painted, Deduct                                                       | -0.33 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.33  |  |
|                  | For Insulated Cells, Add                                                  | 1.49  |  |
|                  | For Up To 100, Add                                                        | 4.38  |  |
|                  | For >100 To 500, Add                                                      | 2.15  |  |
|                  | For >500 To 1,500, Add                                                    | 0.93  |  |
| 05 36 00 00-0022 | SF 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....     | 8.15  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.23  |  |
|                  | For Painted, Deduct                                                       | -0.28 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.28  |  |
|                  | For Insulated Cells, Add                                                  | 1.26  |  |
|                  | For Up To 100, Add                                                        | 3.11  |  |
|                  | For >100 To 500, Add                                                      | 1.58  |  |
|                  | For >500 To 1,500, Add                                                    | 0.64  |  |
| 05 36 00 00-0023 | SF 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....     | 8.60  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.36  |  |
|                  | For Painted, Deduct                                                       | -0.29 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.29  |  |
|                  | For Insulated Cells, Add                                                  | 1.32  |  |
|                  | For Up To 100, Add                                                        | 3.34  |  |
|                  | For >100 To 500, Add                                                      | 1.69  |  |
|                  | For >500 To 1,500, Add                                                    | 0.69  |  |
| 05 36 00 00-0024 | SF 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....     | 8.70  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.39  |  |
|                  | For Painted, Deduct                                                       | -0.29 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.29  |  |
|                  | For Insulated Cells, Add                                                  | 1.32  |  |
|                  | For Up To 100, Add                                                        | 3.44  |  |
|                  | For >100 To 500, Add                                                      | 1.73  |  |
|                  | For >500 To 1,500, Add                                                    | 0.71  |  |
| 05 36 00 00-0025 | SF 2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....     | 9.34  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.57  |  |
|                  | For Painted, Deduct                                                       | -0.31 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.31  |  |
|                  | For Insulated Cells, Add                                                  | 1.39  |  |
|                  | For Up To 100, Add                                                        | 3.78  |  |
|                  | For >100 To 500, Add                                                      | 1.88  |  |
|                  | For >500 To 1,500, Add                                                    | 0.79  |  |
| 05 36 00 00-0026 | SF 2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....     | 9.87  |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.72  |  |
|                  | For Painted, Deduct                                                       | -0.32 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.32  |  |
|                  | For Insulated Cells, Add                                                  | 1.45  |  |
|                  | For Up To 100, Add                                                        | 4.06  |  |
|                  | For >100 To 500, Add                                                      | 2.01  |  |
|                  | For >500 To 1,500, Add                                                    | 0.85  |  |
| 05 36 00 00-0027 | SF 2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....     | 10.03 |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.77  |  |
|                  | For Painted, Deduct                                                       | -0.32 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.32  |  |
|                  | For Insulated Cells, Add                                                  | 1.45  |  |
|                  | For Up To 100, Add                                                        | 4.22  |  |
|                  | For >100 To 500, Add                                                      | 2.07  |  |
|                  | For >500 To 1,500, Add                                                    | 0.89  |  |
| 05 36 00 00-0028 | SF 2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....     | 10.57 |  |
|                  | For Site Installed Insulation Between Ribs, Add                           | 2.93  |  |
|                  | For Painted, Deduct                                                       | -0.34 |  |
|                  | For Perforated Or Slotted, Add                                            | 0.34  |  |
|                  | For Insulated Cells, Add                                                  | 1.52  |  |
|                  | For Up To 100, Add                                                        | 4.50  |  |
|                  | For >100 To 500, Add                                                      | 2.20  |  |
|                  | For >500 To 1,500, Add                                                    | 0.96  |  |



|  |                                |              |  |
|--|--------------------------------|--------------|--|
|  | <b>Metals</b>                  | <b>05</b>    |  |
|  | <b>Metal Decking</b>           | <b>05 30</b> |  |
|  | <b>Composite Metal Decking</b> | <b>05 36</b> |  |

| MINOR<br>CSI UOM DESCRIPTION                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 36 00 00-0029 SF 3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck..... | 8.19                      |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.24                      |                         |
| For Painted, Deduct                                                                    | -0.28                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.28                      |                         |
| For Insulated Cells, Add                                                               | 1.27                      |                         |
| For Up To 100, Add                                                                     | 3.11                      |                         |
| For >100 To 500, Add                                                                   | 1.58                      |                         |
| For >500 To 1,500, Add                                                                 | 0.64                      |                         |
| 05 36 00 00-0030 SF 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck..... | 8.65                      |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.37                      |                         |
| For Painted, Deduct                                                                    | -0.29                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.29                      |                         |
| For Insulated Cells, Add                                                               | 1.32                      |                         |
| For Up To 100, Add                                                                     | 3.39                      |                         |
| For >100 To 500, Add                                                                   | 1.71                      |                         |
| For >500 To 1,500, Add                                                                 | 0.70                      |                         |
| 05 36 00 00-0031 SF 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck..... | 8.81                      |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.42                      |                         |
| For Painted, Deduct                                                                    | -0.29                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.29                      |                         |
| For Insulated Cells, Add                                                               | 1.32                      |                         |
| For Up To 100, Add                                                                     | 3.55                      |                         |
| For >100 To 500, Add                                                                   | 1.77                      |                         |
| For >500 To 1,500, Add                                                                 | 0.74                      |                         |
| 05 36 00 00-0032 SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck..... | 9.42                      |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.60                      |                         |
| For Painted, Deduct                                                                    | -0.31                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.31                      |                         |
| For Insulated Cells, Add                                                               | 1.40                      |                         |
| For Up To 100, Add                                                                     | 3.83                      |                         |
| For >100 To 500, Add                                                                   | 1.91                      |                         |
| For >500 To 1,500, Add                                                                 | 0.80                      |                         |
| 05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck..... | 10.03                     |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.77                      |                         |
| For Painted, Deduct                                                                    | -0.33                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.33                      |                         |
| For Insulated Cells, Add                                                               | 1.48                      |                         |
| For Up To 100, Add                                                                     | 4.12                      |                         |
| For >100 To 500, Add                                                                   | 2.04                      |                         |
| For >500 To 1,500, Add                                                                 | 0.87                      |                         |
| 05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck..... | 10.24                     |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.83                      |                         |
| For Painted, Deduct                                                                    | -0.33                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.33                      |                         |
| For Insulated Cells, Add                                                               | 1.48                      |                         |
| For Up To 100, Add                                                                     | 4.33                      |                         |
| For >100 To 500, Add                                                                   | 2.13                      |                         |
| For >500 To 1,500, Add                                                                 | 0.92                      |                         |
| 05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck..... | 10.67                     |                         |
| For Site Installed Insulation Between Ribs, Add                                        | 2.96                      |                         |
| For Painted, Deduct                                                                    | -0.34                     |                         |
| For Perforated Or Slotted, Add                                                         | 0.34                      |                         |
| For Insulated Cells, Add                                                               | 1.52                      |                         |
| For Up To 100, Add                                                                     | 4.60                      |                         |
| For >100 To 500, Add                                                                   | 2.24                      |                         |
| For >500 To 1,500, Add                                                                 | 0.98                      |                         |

#### 05 36 00 00-0036

#### Non-Cellular, Composite Deck, Galvanized (05 36)

|                                                                                               |      |
|-----------------------------------------------------------------------------------------------|------|
| 05 36 00 00-0037 SF 1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 6.09 |
| 05 36 00 00-0038 SF 1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 4.99 |
| 05 36 00 00-0039 SF 1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 4.15 |
| 05 36 00 00-0040 SF 1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 3.56 |
| 05 36 00 00-0041 SF 1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular..... | 6.71 |
| 05 36 00 00-0042 SF 1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular..... | 5.45 |
| 05 36 00 00-0043 SF 1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular..... | 4.51 |
| 05 36 00 00-0044 SF 1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular..... | 3.88 |
| 05 36 00 00-0045 SF 3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 7.73 |
| 05 36 00 00-0046 SF 3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 6.18 |
| 05 36 00 00-0047 SF 3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 5.18 |
| 05 36 00 00-0048 SF 3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....     | 4.68 |

### 05 40 Cold-Formed Metal Framing (05)

Note: Includes all connecting bolts and welds.

#### 05 41 Structural Metal Stud Framing (05 40)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| 05 41 00 00-0001 | 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41) |
|------------------|---------------------------------------------------------------------------------------|

**05 Metals****05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 41 00 00-0002 SF 2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ..... | 4.67                      | 0.91                    |
| For Walls >10' High, Add                                                                                                             | 0.93                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.63                      |                         |
| For Up To 200, Add                                                                                                                   | 1.36                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.68                      |                         |
| For 12" On Center, Add                                                                                                               | 0.83                      |                         |
| For 24" On Center, Deduct                                                                                                            | -0.83                     |                         |
| 05 41 00 00-0003 SF 3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ..... | 5.22                      | 0.91                    |
| For Walls >10' High, Add                                                                                                             | 1.04                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.67                      |                         |
| For Up To 200, Add                                                                                                                   | 1.49                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.74                      |                         |
| For 12" On Center, Add                                                                                                               | 0.93                      |                         |
| For 24" On Center, Deduct                                                                                                            | -0.93                     |                         |
| 05 41 00 00-0004 SF 4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 5.44                      | 0.91                    |
| For Walls >10' High, Add                                                                                                             | 1.09                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.69                      |                         |
| For Up To 200, Add                                                                                                                   | 1.55                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.78                      |                         |
| For 12" On Center, Add                                                                                                               | 0.97                      |                         |
| For 24" On Center, Deduct                                                                                                            | -0.97                     |                         |
| 05 41 00 00-0005 SF 6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 6.92                      | 1.01                    |
| For Walls >10' High, Add                                                                                                             | 1.38                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.72                      |                         |
| For Up To 200, Add                                                                                                                   | 1.87                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.93                      |                         |
| For 12" On Center, Add                                                                                                               | 1.26                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.26                     |                         |
| 05 41 00 00-0006 SF 8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 7.73                      | 1.11                    |
| For Walls >10' High, Add                                                                                                             | 1.55                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.75                      |                         |
| For Up To 200, Add                                                                                                                   | 2.05                      |                         |
| For >200 To 500, Add                                                                                                                 | 1.02                      |                         |
| For 12" On Center, Add                                                                                                               | 1.42                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.42                     |                         |
| <b>05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)</b>                        |                           |                         |
| 05 41 00 00-0008 SF 2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ..... | 5.02                      | 0.91                    |
| For Walls >10' High, Add                                                                                                             | 1.00                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.67                      |                         |
| For Up To 200, Add                                                                                                                   | 1.45                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.72                      |                         |
| For 12" On Center, Add                                                                                                               | 0.89                      |                         |
| For 24" On Center, Deduct                                                                                                            | -0.89                     |                         |
| 05 41 00 00-0009 SF 3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ..... | 5.80                      | 0.92                    |
| For Walls >10' High, Add                                                                                                             | 1.16                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.70                      |                         |
| For Up To 200, Add                                                                                                                   | 1.63                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.81                      |                         |
| For 12" On Center, Add                                                                                                               | 1.04                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.04                     |                         |
| 05 41 00 00-0010 SF 4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 6.12                      | 0.92                    |
| For Walls >10' High, Add                                                                                                             | 1.22                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.73                      |                         |
| For Up To 200, Add                                                                                                                   | 1.71                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.85                      |                         |
| For 12" On Center, Add                                                                                                               | 1.10                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.10                     |                         |
| 05 41 00 00-0011 SF 6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 7.74                      | 1.11                    |
| For Walls >10' High, Add                                                                                                             | 1.55                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.76                      |                         |
| For Up To 200, Add                                                                                                                   | 2.06                      |                         |
| For >200 To 500, Add                                                                                                                 | 1.03                      |                         |
| For 12" On Center, Add                                                                                                               | 1.42                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.42                     |                         |
| 05 41 00 00-0012 SF 8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....     | 8.54                      | 1.21                    |
| For Walls >10' High, Add                                                                                                             | 1.71                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.80                      |                         |
| For Up To 200, Add                                                                                                                   | 2.24                      |                         |
| For >200 To 500, Add                                                                                                                 | 1.12                      |                         |
| For 12" On Center, Add                                                                                                               | 1.57                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.57                     |                         |
| <b>05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)</b>                        |                           |                         |
| 05 41 00 00-0014 SF 3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ..... | 6.90                      | 1.26                    |
| For Walls >10' High, Add                                                                                                             | 1.38                      |                         |
| For Curved Wall, Add                                                                                                                 | 0.84                      |                         |
| For Up To 200, Add                                                                                                                   | 1.94                      |                         |
| For >200 To 500, Add                                                                                                                 | 0.97                      |                         |
| For 12" On Center, Add                                                                                                               | 1.24                      |                         |
| For 24" On Center, Deduct                                                                                                            | -1.24                     |                         |



|  |                                      |              |  |
|--|--------------------------------------|--------------|--|
|  | <b>Metals</b>                        | <b>05</b>    |  |
|  | <b>Cold-Formed Metal Framing</b>     | <b>05 40</b> |  |
|  | <b>Structural Metal Stud Framing</b> | <b>05 41</b> |  |

| MINOR                                                         | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST                             | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|
| 05 41 00 00-0015                                              | SF  |     | 4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....<br>For Walls >10' High, Add .....<br>For Curved Wall, Add .....<br>For Up To 200, Add .....<br>For >200 To 500, Add .....<br>For 12" On Center, Add .....<br>For 24" On Center, Deduct ..... | 7.09<br>1.42<br>0.66<br>1.99<br>0.99<br>1.28<br>-1.28 | 1.28                    |
| 05 41 00 00-0016                                              | SF  |     | 6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....<br>For Walls >10' High, Add .....<br>For Curved Wall, Add .....<br>For Up To 200, Add .....<br>For >200 To 500, Add .....<br>For 12" On Center, Add .....<br>For 24" On Center, Deduct ..... | 8.89<br>1.78<br>0.90<br>2.38<br>1.19<br>1.63<br>-1.63 | 1.35                    |
| 05 41 00 00-0017                                              | SF  |     | 8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....<br>For Walls >10' High, Add .....<br>For Curved Wall, Add .....<br>For Up To 200, Add .....<br>For >200 To 500, Add .....<br>For 12" On Center, Add .....<br>For 24" On Center, Deduct ..... | 9.77<br>1.95<br>0.94<br>2.58<br>1.29<br>1.80<br>-1.80 | 1.41                    |
| <b>05 42 Cold-Formed Metal Joist Framing (05 40)</b>          |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| <b>05 42 13 Cold-Formed Metal Floor Joist Framing (05 42)</b> |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| Note: Floor or roof joist framing                             |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| 05 42 13 00-0001                                              |     |     | <b>Steel Joists, 20 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0002                                              | LF  |     | 5-1/2" - 20 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 9.92                                                  | 2.16                    |
| 05 42 13 00-0003                                              | LF  |     | 6" - 20 Gauge Steel Joists .....                                                                                                                                                                                                                                                                          | 10.79                                                 | 2.72                    |
| 05 42 13 00-0004                                              | LF  |     | 7-1/4" - 20 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 11.63                                                 | 2.98                    |
| 05 42 13 00-0005                                              | LF  |     | 8" - 20 Gauge Steel Joists .....                                                                                                                                                                                                                                                                          | 13.05                                                 | 3.17                    |
| 05 42 13 00-0006                                              |     |     | <b>Steel Joists, 18 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0007                                              | LF  |     | 5-1/2" - 18 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 11.03                                                 | 2.40                    |
| 05 42 13 00-0008                                              | LF  |     | 6" - 18 Gauge Steel Joists .....                                                                                                                                                                                                                                                                          | 12.03                                                 | 3.02                    |
| 05 42 13 00-0009                                              | LF  |     | 7-1/4" - 18 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 13.02                                                 | 3.31                    |
| 05 42 13 00-0010                                              | LF  |     | 8" - 18 Gauge Steel Joists .....                                                                                                                                                                                                                                                                          | 13.39                                                 | 3.51                    |
| 05 42 13 00-0011                                              |     |     | <b>Steel Joists, 16 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0012                                              | LF  |     | 7-1/4" - 16 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 14.08                                                 | 3.34                    |
| 05 42 13 00-0013                                              | LF  |     | 8" - 16 Gauge Steel Joists .....                                                                                                                                                                                                                                                                          | 14.87                                                 | 3.51                    |
| 05 42 13 00-0014                                              |     |     | <b>Steel Joists, 14 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0015                                              | LF  |     | 9-1/4" - 14 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 16.81                                                 | 3.51                    |
| 05 42 13 00-0016                                              | LF  |     | 11-1/2" - 14 Gauge Steel Joists .....                                                                                                                                                                                                                                                                     | 18.25                                                 | 3.70                    |
| 05 42 13 00-0017                                              |     |     | <b>Steel Joists, 12 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0018                                              | LF  |     | 9-1/4" - 12 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 20.00                                                 | 3.86                    |
| 05 42 13 00-0019                                              | LF  |     | 11-1/2" - 12 Gauge Steel Joists .....                                                                                                                                                                                                                                                                     | 21.88                                                 | 4.07                    |
| 05 42 13 00-0020                                              |     |     | <b>Steel Joists, 10 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                  |                                                       |                         |
| 05 42 13 00-0021                                              | LF  |     | 9-1/4" - 10 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 23.26                                                 | 4.25                    |
| 05 42 13 00-0022                                              | LF  |     | 11-1/2" - 10 Gauge Steel Joists .....                                                                                                                                                                                                                                                                     | 25.57                                                 | 4.48                    |
| 05 42 13 00-0023                                              |     |     | <b>Steel Joists, 8 Gauge (05 42 13)</b>                                                                                                                                                                                                                                                                   |                                                       |                         |
| 05 42 13 00-0024                                              | LF  |     | 9-1/4" - 8 Gauge Steel Joists .....                                                                                                                                                                                                                                                                       | 26.57                                                 | 4.68                    |
| 05 42 13 00-0025                                              | LF  |     | 11-1/2" - 8 Gauge Steel Joists .....                                                                                                                                                                                                                                                                      | 29.28                                                 | 4.93                    |
| <b>05 42 23 Cold-Formed Metal Roof Joist Framing (05 42)</b>  |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| See CSI section 05 42 13 00-0000 for metal joist framing.     |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| <b>05 43 Slotted Channel Framing (05 40)</b>                  |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| 05 43 00 00-0001                                              |     |     | <b>Unistrut Channel (05 43)</b>                                                                                                                                                                                                                                                                           |                                                       |                         |
| Note: Excludes fasteners and accessories.                     |     |     |                                                                                                                                                                                                                                                                                                           |                                                       |                         |
| 05 43 00 00-0002                                              |     |     | <b>Steel Unistrut Channel (05 43 00 00-0001)</b>                                                                                                                                                                                                                                                          |                                                       |                         |
| 05 43 00 00-0003                                              | LF  |     | 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....<br>For Powder Coating, Add .....<br>For Galvanizing, Add .....                                                                                                                                                                          | 11.63<br>1.01<br>1.15                                 | 2.45                    |
| 05 43 00 00-0004                                              | LF  |     | 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel .....<br>For Powder Coating, Add .....<br>For Galvanizing, Add .....                                                                                                                                                                          | 11.96<br>1.06<br>1.20                                 | 2.45                    |

**05 Metals****05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 43 00 00-0005 LF 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....<br>For Powder Coating, Add .....<br>For Galvanizing, Add ..... | 12.46<br>1.14<br>1.29     | 2.45                    |
| 05 43 00 00-0006 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel .....<br>For Powder Coating, Add .....<br>For Galvanizing, Add ..... | 10.98<br>0.91<br>1.04     | 2.45                    |
| 05 43 00 00-0007 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel .....<br>For Powder Coating, Add .....<br>For Galvanizing, Add ..... | 9.55<br>0.70<br>0.79      | 2.45                    |
| <b>05 43 00 00-0008 Stainless Steel Unistrut Channel (05 43 00 00-0001)</b>                                                                          |                           |                         |
| <b>05 43 00 00-0009 304 Stainless Steel Unistrut Channel (05 43 00 00-0008)</b>                                                                      |                           |                         |
| 05 43 00 00-0010 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....                                                  | 33.82                     | 2.45                    |
| 05 43 00 00-0011 LF 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....                                                  | 40.89                     | 2.45                    |
| 05 43 00 00-0012 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....                                                  | 39.13                     | 2.45                    |
| 05 43 00 00-0013 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....                                                  | 50.05                     | 2.45                    |
| <b>05 43 00 00-0014 316 Stainless Steel Unistrut Channel (05 43 00 00-0008)</b>                                                                      |                           |                         |
| 05 43 00 00-0015 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel .....                                                  | 56.75                     | 2.45                    |
| <b>05 43 00 00-0016 Unistrut Closure Strips (05 43)</b>                                                                                              |                           |                         |
| 05 43 00 00-0017 LF Steel Raceway Closure Strip For Unistrut Channel .....                                                                           | 6.15                      | 0.54                    |
| <b>05 43 00 00-0018 Lock Nuts With Spring For Unistrut Channel (05 43)</b><br>Note: Includes hex bolt.                                               |                           |                         |
| <b>05 43 00 00-0019 Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)</b><br>Note: Includes hex bolt.                              |                           |                         |
| 05 43 00 00-0020 EA 1/4-20, Steel Lock Nut With Spring For Unistrut Channel .....                                                                    | 7.38                      |                         |
| 05 43 00 00-0021 EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel .....                                                                    | 8.08                      |                         |
| 05 43 00 00-0022 EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel .....                                                                    | 8.60                      |                         |
| 05 43 00 00-0023 EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel .....                                                                    | 11.42                     |                         |
| <b>05 43 00 00-0024 Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)</b><br>Note: Includes hex bolt.                    |                           |                         |
| 05 43 00 00-0025 EA 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....                                                      | 18.70                     |                         |
| 05 43 00 00-0026 EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....                                                      | 20.00                     |                         |
| 05 43 00 00-0027 EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....                                                      | 28.89                     |                         |
| 05 43 00 00-0028 EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....                                                      | 50.42                     |                         |
| <b>05 43 00 00-0029 Lock Nuts Without Spring For Unistrut Channel (05 43)</b><br>Note: Includes hex bolt.                                            |                           |                         |
| <b>05 43 00 00-0030 Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)</b><br>Note: Includes hex bolt.                           |                           |                         |
| 05 43 00 00-0031 EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel .....                                                                 | 7.40                      |                         |
| 05 43 00 00-0032 EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel .....                                                                 | 8.18                      |                         |
| 05 43 00 00-0033 EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel .....                                                                 | 8.64                      |                         |
| 05 43 00 00-0034 EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel .....                                                                 | 12.23                     |                         |
| <b>05 43 00 00-0035 Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)</b><br>Note: Includes hex bolt.                 |                           |                         |
| 05 43 00 00-0036 EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....                                                   | 13.00                     |                         |
| 05 43 00 00-0037 EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....                                                   | 15.97                     |                         |
| 05 43 00 00-0038 EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....                                                   | 17.53                     |                         |
| 05 43 00 00-0039 EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....                                                   | 49.08                     |                         |
| <b>05 43 00 00-0040 Beam Clamp For Unistrut Channel (05 43)</b>                                                                                      |                           |                         |
| 05 43 00 00-0041 EA 1-5/8" Channel, P2675 Unistrut Beam Clamp .....                                                                                  | 24.26                     | 8.13                    |
| 05 43 00 00-0042 EA 1-5/8" Channel, P2676 Unistrut Beam Clamp .....                                                                                  | 31.71                     | 8.13                    |
| 05 43 00 00-0043 EA Add For Unistrut Swivel Nut, P2676 .....                                                                                         | 4.06                      |                         |
| <b>05 43 00 00-0044 Beam Clamp Clevis Hangers For Unistrut Channel (05 43)</b>                                                                       |                           |                         |
| 05 43 00 00-0045 EA Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674) .....                                                                  | 26.84                     | 8.13                    |
| 05 43 00 00-0046 EA Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677) .....                                                                  | 32.78                     | 8.13                    |
| 05 43 00 00-0047 EA Add For Unistrut Swivel Nut .....                                                                                                | 4.06                      |                         |
| 05 43 00 00-0048 EA 6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut .....                                                                  | 179.55                    | 10.83                   |
| <b>05 43 00 00-0049 Pipe And Rigid Conduit Clamps (05 43)</b>                                                                                        |                           |                         |



|  |                                  |              |  |
|--|----------------------------------|--------------|--|
|  | <b>Metals</b>                    | <b>05</b>    |  |
|  | <b>Cold-Formed Metal Framing</b> | <b>05 40</b> |  |
|  | <b>Slotted Channel Framing</b>   | <b>05 43</b> |  |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| <b>05 43 00 00-0050</b> <b>Pipe And Rigid Conduit Clamps</b> (05 43 00 00-0049)<br>Note: Includes stainless steel (316) hardware.                                                                                                                 |                           |                         |
| 05 43 00 00-0051 PR 1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                             | 7.03                      | 2.34                    |
| 05 43 00 00-0052 PR 3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                             | 7.17                      | 2.34                    |
| 05 43 00 00-0053 PR 1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                               | 8.32                      | 2.83                    |
| 05 43 00 00-0054 PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                           | 8.82                      | 3.08                    |
| 05 43 00 00-0055 PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                           | 11.08                     | 3.45                    |
| 05 43 00 00-0056 PR 2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                               | 11.08                     | 3.45                    |
| 05 43 00 00-0057 PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                           | 17.15                     | 5.78                    |
| 05 43 00 00-0058 PR 3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                               | 17.44                     | 5.78                    |
| 05 43 00 00-0059 PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                           | 18.69                     | 6.39                    |
| 05 43 00 00-0060 PR 4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....                                                                                                                                               | 20.66                     | 6.89                    |
| <b>05 43 00 00-0061</b> <b>Pipe And Rigid Conduit Clamps</b> (05 43 00 00-0049)<br>Note: Includes nylon hardware.                                                                                                                                 |                           |                         |
| 05 43 00 00-0062 PR 1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                             | 11.57                     | 2.34                    |
| 05 43 00 00-0063 PR 3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                             | 11.99                     | 2.34                    |
| 05 43 00 00-0064 PR 1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                               | 13.14                     | 2.83                    |
| 05 43 00 00-0065 PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                           | 13.82                     | 3.08                    |
| 05 43 00 00-0066 PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                           | 18.89                     | 3.45                    |
| 05 43 00 00-0067 PR 2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                               | 18.89                     | 3.45                    |
| 05 43 00 00-0068 PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                           | 27.69                     | 5.78                    |
| 05 43 00 00-0069 PR 3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                               | 28.52                     | 5.78                    |
| 05 43 00 00-0070 PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                           | 29.95                     | 6.39                    |
| 05 43 00 00-0071 PR 4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....                                                                                                                                                               | 33.47                     | 6.89                    |
| <b>05 43 00 00-0072</b> <b>Accessories For Unistrut Channel</b> (05 43)<br>Note: Includes straight or angled post mounting and fasteners.                                                                                                         |                           |                         |
| 05 43 00 00-0073 EA Trolley Truck Hanger, 1-5/8" Channel P1834.....                                                                                                                                                                               | 58.75                     | 8.13                    |
| 05 43 00 00-0074 EA Flat Plate Fitting, One Hole, 1-5/8" Channel P1064.....                                                                                                                                                                       | 14.38                     | 5.42                    |
| 05 43 00 00-0075 EA 60 Degree Angle, 1-5/8" Channel P2097.....                                                                                                                                                                                    | 15.08                     | 5.42                    |
| <b>05 43 00 00-0076</b> <b>Bases For Unistrut Channel</b> (05 43)<br>Note: Includes straight or angled post mounting and fasteners.                                                                                                               |                           |                         |
| <b>05 43 00 00-0077</b> <b>Steel Bases For Unistrut Channel</b> (05 43 00 00-0076)<br>Note: Includes straight or angled post mounting and fasteners.                                                                                              |                           |                         |
| 05 43 00 00-0078 EA 6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel.....                                                                                                                                                     | 118.03                    | 27.09                   |
| 05 43 00 00-0079 EA 6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel.....                                                                                                                                                     | 119.58                    | 27.09                   |
| 05 43 00 00-0080 EA 6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel.....                                                                                                                                                     | 169.91                    | 27.09                   |
| 05 43 00 00-0081 EA 6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel.....                                                                                                                                                     | 140.61                    | 27.09                   |
| <b>05 43 00 00-0082</b> <b>Stainless Steel Bases For Unistrut Channel</b> (05 43 00 00-0076)<br>Note: Includes straight or angled post mounting and fasteners.                                                                                    |                           |                         |
| 05 43 00 00-0083 EA 6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....                                                                                                                                       | 228.49                    | 27.09                   |
| 05 43 00 00-0084 EA 6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....                                                                                                                                       | 416.66                    | 27.09                   |
| 05 43 00 00-0085 EA 6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel.....                                                                                                                                       | 316.92                    | 27.09                   |
| 05 43 00 00-0086 EA 6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel.....                                                                                                                                       | 469.13                    | 27.09                   |
| 05 43 00 00-0087 EA 6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel.....                                                                                                                                       | 412.26                    | 27.09                   |
| <b>05 44 Cold-Formed Metal Trusses</b> (05 44)<br><b>05 44 13 Cold-Formed Metal Roof Trusses</b> (05 44)<br><b>05 44 13 00-0001</b> <b>Metal Trusses</b> (05 44 13)<br><b>05 44 13 00-0002</b> <b>4:12 Pitch Metal Trusses</b> (05 44 13 00-0001) |                           |                         |
| 05 44 13 00-0003 EA 28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....                                                                                                                                                                       | 566.36                    | 110.62                  |
| For 4" Chords, Deduct                                                                                                                                                                                                                             | -103.93                   |                         |
| For 14 Gauge, Add                                                                                                                                                                                                                                 | 139.07                    |                         |
| For 16 Gauge, Add                                                                                                                                                                                                                                 | 54.11                     |                         |
| 05 44 13 00-0004 EA 30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....                                                                                                                                                                       | 588.83                    | 111.59                  |
| For 4" Chords, Deduct                                                                                                                                                                                                                             | -110.62                   |                         |
| For 14 Gauge, Add                                                                                                                                                                                                                                 | 145.71                    |                         |
| For 16 Gauge, Add                                                                                                                                                                                                                                 | 57.39                     |                         |
| 05 44 13 00-0005 EA 32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....                                                                                                                                                                       | 606.40                    | 112.57                  |
| For 4" Chords, Deduct                                                                                                                                                                                                                             | -115.68                   |                         |
| For 14 Gauge, Add                                                                                                                                                                                                                                 | 150.84                    |                         |
| For 16 Gauge, Add                                                                                                                                                                                                                                 | 59.88                     |                         |
| 05 44 13 00-0006 EA 34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....                                                                                                                                                                       | 642.65                    | 118.13                  |
| For 4" Chords, Deduct                                                                                                                                                                                                                             | -123.47                   |                         |
| For 14 Gauge, Add                                                                                                                                                                                                                                 | 160.24                    |                         |
| For 16 Gauge, Add                                                                                                                                                                                                                                 | 63.84                     |                         |
| 05 44 13 00-0007 EA 36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....                                                                                                                                                                       | 674.02                    | 123.72                  |
| For 4" Chords, Deduct                                                                                                                                                                                                                             | -129.64                   |                         |
| For 14 Gauge, Add                                                                                                                                                                                                                                 | 168.12                    |                         |
| For 16 Gauge, Add                                                                                                                                                                                                                                 | 67.02                     |                         |

**05 Metals****05 40 Cold-Formed Metal Framing****05 44 Cold-Formed Metal Trusses**

| MINOR                   | CSI | UOM | DESCRIPTION                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|------------------------------------------------------------------|---------------------------|-------------------------|
| 05 44 13 00-0008        | EA  |     | 38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 692.20                    | 124.89                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -134.76                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 173.37                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 69.54                     |                         |
| 05 44 13 00-0009        | EA  |     | 40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 715.28                    | 126.06                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -141.49                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 180.14                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 72.84                     |                         |
| 05 44 13 00-0010        | EA  |     | 42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 748.84                    | 132.38                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -147.84                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 188.46                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 76.13                     |                         |
| 05 44 13 00-0011        | EA  |     | 44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 787.28                    | 138.67                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -155.80                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 198.30                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 80.20                     |                         |
| 05 44 13 00-0012        | EA  |     | 46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 820.86                    | 144.98                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -162.15                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 206.63                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 83.50                     |                         |
| 05 44 13 00-0013        | EA  |     | 48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch .....         | 859.31                    | 151.27                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -170.11                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 216.46                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 87.57                     |                         |
| <b>05 44 13 00-0014</b> |     |     | <b>5:12 To 6:12 Pitch Metal Trusses</b> (05 44 13 00-0001)       |                           |                         |
| 05 44 13 00-0015        | EA  |     | 28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 681.64                    | 137.65                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -121.70                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 165.88                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 63.64                     |                         |
| 05 44 13 00-0016        | EA  |     | 30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 705.14                    | 138.97                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -128.47                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 172.73                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 66.96                     |                         |
| 05 44 13 00-0017        | EA  |     | 32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 728.63                    | 140.29                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -135.23                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 179.58                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 70.29                     |                         |
| 05 44 13 00-0018        | EA  |     | 34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 775.86                    | 149.51                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -143.90                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 191.18                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 74.80                     |                         |
| 05 44 13 00-0019        | EA  |     | 36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 823.10                    | 158.75                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -152.56                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 202.77                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 79.31                     |                         |
| 05 44 13 00-0020        | EA  |     | 38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 741.06                    | 160.41                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -150.88                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 188.52                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 77.36                     |                         |
| 05 44 13 00-0021        | EA  |     | 40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 872.19                    | 162.08                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -166.26                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 216.89                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 86.06                     |                         |
| 05 44 13 00-0022        | EA  |     | 42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 916.05                    | 170.19                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -174.65                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 227.81                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 90.41                     |                         |
| 05 44 13 00-0023        | EA  |     | 44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 959.90                    | 178.30                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -183.05                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 238.73                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 94.75                     |                         |
| 05 44 13 00-0024        | EA  |     | 46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 1,003.76                  | 186.39                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -191.44                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 249.65                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 99.09                     |                         |
| 05 44 13 00-0025        | EA  |     | 48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch ..... | 1,047.61                  | 194.50                  |
|                         |     |     | For 4" Chords, Deduct .....                                      | -199.83                   |                         |
|                         |     |     | For 14 Gauge, Add .....                                          | 260.57                    |                         |
|                         |     |     | For 16 Gauge, Add .....                                          | 103.43                    |                         |

**05 45 Metal Support Assemblies** (05 40)**05 45 13 Mechanical Metal Supports** (05 45)

See CSI section 23 05 29 00-0000 for metal supports.

**05 45 16 Electrical Metal Supports** (05 45)

See CSI section 26 05 29 00-0000 for metal supports.

**05 50 Metal Fabrications** (05)**05 51 Metal Stairs** (05 50)**05 51 13 Metal Pan Stairs** (05 51)





| Metals             |  |  | 05    |
|--------------------|--|--|-------|
| Metal Fabrications |  |  | 05 50 |
| Metal Stairs       |  |  | 05 51 |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.  
See CSI section 05 52 13 00-0000 for handrails.

|                  |                                                                               |       |                                                 |          |       |
|------------------|-------------------------------------------------------------------------------|-------|-------------------------------------------------|----------|-------|
| 05 51 13 00-0001 | <b>Open Concrete Filled Metal Pan Stair And Landing</b> (05 51 13)            |       |                                                 |          |       |
|                  | Note: Includes steel stringer, safety nosing and concrete. Excludes handrail. |       |                                                 |          |       |
| 05 51 13 00-0002 | RSR                                                                           | 3'-6" | Wide Open Concrete Filled Metal Pan Tread Stair | 1,153.84 | 31.56 |
|                  |                                                                               |       | For Closed Riser, Add                           | 134.13   |       |
| 05 51 13 00-0003 | RSR                                                                           | 4'-0" | Wide Open Concrete Filled Metal Pan Tread Stair | 1,310.47 | 36.82 |
|                  |                                                                               |       | For Closed Riser, Add                           | 152.21   |       |
| 05 51 13 00-0004 | RSR                                                                           | 5'-0" | Wide Open Concrete Filled Metal Pan Tread Stair | 1,458.29 | 43.13 |
|                  |                                                                               |       | For Closed Riser, Add                           | 169.08   |       |
| 05 51 13 00-0005 | SF                                                                            |       | Concrete Filled Steel Pan Landing               | 83.37    | 5.26  |
|                  | Note: Conventional shape.                                                     |       |                                                 |          |       |

|                  |                                                                                                                      |       |                                                        |        |       |
|------------------|----------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------|--------|-------|
| 05 51 19         | <b>Metal Grating Stairs</b> (05 51)                                                                                  |       |                                                        |        |       |
|                  | Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail. |       |                                                        |        |       |
| 05 51 19 00-0001 | <b>Open Steel Grating Tread Metal Stair And Landing</b> (05 51 19)                                                   |       |                                                        |        |       |
|                  | Note: Includes steel stringers, safety nosing and 2 pipe handrail.                                                   |       |                                                        |        |       |
| 05 51 19 00-0002 | RSR                                                                                                                  | 3'-6" | Wide Open Steel Grating Tread Metal Stair              | 551.99 | 42.08 |
|                  |                                                                                                                      |       | For Closed Riser, Add                                  | 67.13  |       |
|                  |                                                                                                                      |       | For Galvanized Steel, Add                              | 116.96 |       |
| 05 51 19 00-0003 | RSR                                                                                                                  | 4'-0" | Wide Open Steel Grating Tread Metal Stair              | 586.89 | 48.39 |
|                  |                                                                                                                      |       | For Closed Riser, Add                                  | 70.97  |       |
|                  |                                                                                                                      |       | For Galvanized Steel, Add                              | 122.53 |       |
| 05 51 19 00-0004 | RSR                                                                                                                  | 5'-0" | Wide Open Steel Grating Tread Metal Stair              | 648.28 | 56.81 |
|                  |                                                                                                                      |       | For Closed Riser, Add                                  | 78.03  |       |
|                  |                                                                                                                      |       | For Galvanized Steel, Add                              | 133.67 |       |
| 05 51 19 00-0005 | SF                                                                                                                   |       | Steel Grating Landing With Framing And 2 Pipe Handrail | 101.24 | 5.26  |
|                  | Note: Conventional shape.                                                                                            |       |                                                        |        |       |
|                  |                                                                                                                      |       | For Galvanized Steel, Add                              | 20.05  |       |

|                  |                                                                                                      |     |                                                                     |          |       |
|------------------|------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------|----------|-------|
| 05 51 33         | <b>Metal Ladders</b> (05 51)                                                                         |     |                                                                     |          |       |
|                  | Note: Includes factory prime.                                                                        |     |                                                                     |          |       |
| 05 51 33 13      | <b>Vertical Metal Ladders</b> (05 51 33)                                                             |     |                                                                     |          |       |
| 05 51 33 13-0001 | <b>Vertical Ladders</b> (05 51 33 13)                                                                |     |                                                                     |          |       |
|                  | Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7" |     |                                                                     |          |       |
| 05 51 33 13-0002 | VLF                                                                                                  | 20" | Wide Fixed Vertical Steel Ladder Primed                             | 101.85   | 12.62 |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 15.56    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 31.13    |       |
| 05 51 33 13-0003 | VLF                                                                                                  | 24" | Wide Fixed Vertical Steel Ladder Primed                             | 117.63   | 12.62 |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 19.51    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 39.02    |       |
| 05 51 33 13-0004 | VLF                                                                                                  | 20" | Wide Fixed Vertical Steel Caged Ladder Primed                       | 247.89   | 21.04 |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 45.21    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 90.42    |       |
| 05 51 33 13-0005 | VLF                                                                                                  | 24" | Wide Fixed Vertical Steel Caged Ladder Primed                       | 279.44   | 21.04 |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 53.10    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 106.20   |       |
| 05 51 33 13-0006 | <b>Vertical Ladders Options</b> (05 51 33 13)                                                        |     |                                                                     |          |       |
| 05 51 33 13-0007 | EA                                                                                                   | 20" | Wide Vertical Steel Ladder Walk-Thru Handrails, Primed              | 423.69   | 39.45 |
|                  |                                                                                                      |     | Note: Extends 42" above landing surface. Includes mounting bracket. |          |       |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 86.20    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 172.40   |       |
| 05 51 33 13-0008 | EA                                                                                                   | 24" | Wide Vertical Steel Ladder Walk-Thru Handrails, Primed              | 464.43   | 42.08 |
|                  |                                                                                                      |     | Note: Extends 42" above landing surface. Includes mounting bracket. |          |       |
|                  |                                                                                                      |     | For Galvanized Steel, Add                                           | 95.07    |       |
|                  |                                                                                                      |     | For Aluminum, Add                                                   | 190.14   |       |
| 05 51 33 13-0009 | EA                                                                                                   |     | Security Cage Entry Gate With Lockable Hasp                         | 519.26   | 13.15 |
| 05 51 33 13-0010 | EA                                                                                                   | 6'  | Powder Coated, Security Ladder Guard                                | 1,382.30 | 78.90 |
| 05 51 33 13-0011 | EA                                                                                                   | 8'  | Powder Coated, Security Ladder Guard                                | 1,654.50 | 92.04 |
| 05 51 33 13-0012 | EA                                                                                                   |     | Safety Chain Attachment                                             | 254.28   |       |

|                  |                                                                       |          |                                                 |          |        |
|------------------|-----------------------------------------------------------------------|----------|-------------------------------------------------|----------|--------|
| 05 51 33 13-0013 | <b>Welded Steel Ladder Cages</b> (05 51 33 13)                        |          |                                                 |          |        |
|                  | Note: For existing fixed ladders up to 20" wide. Excludes the ladder. |          |                                                 |          |        |
| 05 51 33 13-0014 | <b>Powder Coated, Welded Steel Ladder Cages</b> (05 51 33 13-0013)    |          |                                                 |          |        |
| 05 51 33 13-0015 | EA                                                                    | 7'-1/2'  | Length, Powder Coated, Welded Steel Ladder Cage | 2,340.93 | 157.79 |
| 05 51 33 13-0016 | EA                                                                    | 8'-1/2'  | Length, Powder Coated, Welded Steel Ladder Cage | 2,545.82 | 163.05 |
| 05 51 33 13-0017 | EA                                                                    | 9'-1/2'  | Length, Powder Coated, Welded Steel Ladder Cage | 2,708.45 | 168.31 |
| 05 51 33 13-0018 | EA                                                                    | 10'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 2,882.35 | 173.56 |
| 05 51 33 13-0019 | EA                                                                    | 11'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 2,983.01 | 178.83 |
| 05 51 33 13-0020 | EA                                                                    | 12'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 3,148.46 | 184.08 |
| 05 51 33 13-0021 | EA                                                                    | 13'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 3,294.18 | 189.35 |
| 05 51 33 13-0022 | EA                                                                    | 14'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 3,484.98 | 194.61 |
| 05 51 33 13-0023 | EA                                                                    | 15'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 3,670.15 | 199.87 |
| 05 51 33 13-0024 | EA                                                                    | 16'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 3,821.52 | 205.13 |
| 05 51 33 13-0025 | EA                                                                    | 17'-1/2' | Length, Powder Coated, Welded Steel Ladder Cage | 4,006.68 | 210.39 |

**05 Metals****05 50 Metal Fabrications****05 51 Metal Stairs**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                               |          |        |
|------------------|----|---------------------------------------------------------------|----------|--------|
| 05 51 33 13-0026 | EA | 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 4,186.22 | 215.65 |
| 05 51 33 13-0027 | EA | 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 4,362.93 | 220.90 |
| 05 51 33 13-0028 | EA | 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 4,686.13 | 226.17 |
| 05 51 33 13-0029 | EA | 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 4,781.15 | 231.42 |
| 05 51 33 13-0030 | EA | 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 4,946.61 | 236.69 |
| 05 51 33 13-0031 | EA | 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 5,097.97 | 241.94 |
| 05 51 33 13-0032 | EA | 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 5,238.07 | 247.21 |
| 05 51 33 13-0033 | EA | 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 5,552.81 | 252.46 |
| 05 51 33 13-0034 | EA | 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 5,721.08 | 257.72 |
| 05 51 33 13-0035 | EA | 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage ..... | 5,878.08 | 262.98 |

**05 51 33 13-0036 Welded Stainless Steel Ladder Cages (05 51 33 13-0013)**

|                  |    |                                                          |           |        |
|------------------|----|----------------------------------------------------------|-----------|--------|
| 05 51 33 13-0037 | EA | 7-1/2' Length, Welded Stainless Steel Ladder Cage .....  | 5,926.84  | 157.79 |
| 05 51 33 13-0038 | EA | 8-1/2' Length, Welded Stainless Steel Ladder Cage .....  | 6,334.55  | 163.05 |
| 05 51 33 13-0039 | EA | 9-1/2' Length, Welded Stainless Steel Ladder Cage .....  | 7,015.49  | 168.31 |
| 05 51 33 13-0040 | EA | 10-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 7,349.95  | 173.56 |
| 05 51 33 13-0041 | EA | 11-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 7,630.90  | 178.83 |
| 05 51 33 13-0042 | EA | 12-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 8,004.80  | 184.08 |
| 05 51 33 13-0043 | EA | 13-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 8,680.09  | 189.35 |
| 05 51 33 13-0044 | EA | 14-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 9,020.19  | 194.61 |
| 05 51 33 13-0045 | EA | 15-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 9,371.56  | 199.87 |
| 05 51 33 13-0046 | EA | 16-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 9,756.72  | 205.13 |
| 05 51 33 13-0047 | EA | 17-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 10,446.12 | 210.39 |
| 05 51 33 13-0048 | EA | 18-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 10,789.03 | 215.65 |
| 05 51 33 13-0049 | EA | 19-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 11,115.04 | 220.90 |
| 05 51 33 13-0050 | EA | 20-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 11,657.96 | 226.17 |
| 05 51 33 13-0051 | EA | 21-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 12,268.47 | 231.42 |
| 05 51 33 13-0052 | EA | 22-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 12,605.76 | 236.69 |
| 05 51 33 13-0053 | EA | 23-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 12,951.49 | 241.94 |
| 05 51 33 13-0054 | EA | 24-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 13,274.69 | 247.21 |
| 05 51 33 13-0055 | EA | 25-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 14,110.56 | 252.46 |
| 05 51 33 13-0056 | EA | 26-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 14,433.75 | 257.72 |
| 05 51 33 13-0057 | EA | 27-1/2' Length, Welded Stainless Steel Ladder Cage ..... | 14,765.40 | 262.98 |

**05 51 33 16 Inclined Metal Ladders (05 51 33)****05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs (05 51 33 16)**

Note: Includes factory prime.

|                  |     |                                                                   |        |       |
|------------------|-----|-------------------------------------------------------------------|--------|-------|
| 05 51 33 16-0002 | RSR | 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side ..... | 385.21 | 52.59 |
|                  |     | For Aluminum, Add .....                                           | 140.01 |       |

**05 51 33 23 Alternating Tread Ladders (05 51 33)****05 51 33 23-0001 Vertical Ladders With Alternating Tread (05 51 33 23)**

|                  |    |                                                             |          |        |
|------------------|----|-------------------------------------------------------------|----------|--------|
| 05 51 33 23-0002 | EA | 4' Vertical Height Aluminum Alternating Tread Ladder .....  | 2,713.88 | 157.79 |
|                  |    | For Stainless Steel, Add .....                              | 262.55   |        |
|                  |    | For Primed Steel, Deduct .....                              | -218.79  |        |
| 05 51 33 23-0003 | EA | 5' Vertical Height Aluminum Alternating Tread Ladder .....  | 3,120.32 | 167.26 |
|                  |    | For Stainless Steel, Add .....                              | 319.91   |        |
|                  |    | For Primed Steel, Deduct .....                              | -249.53  |        |
| 05 51 33 23-0004 | EA | 6' Vertical Height Aluminum Alternating Tread Ladder .....  | 3,482.50 | 167.26 |
|                  |    | For Stainless Steel, Add .....                              | 379.79   |        |
|                  |    | For Primed Steel, Deduct .....                              | -277.54  |        |
| 05 51 33 23-0005 | EA | 7' Vertical Height Aluminum Alternating Tread Ladder .....  | 3,957.75 | 210.18 |
|                  |    | For Stainless Steel, Add .....                              | 439.62   |        |
|                  |    | For Primed Steel, Deduct .....                              | -301.22  |        |
| 05 51 33 23-0006 | EA | 8' Vertical Height Aluminum Alternating Tread Ladder .....  | 4,359.25 | 217.62 |
|                  |    | For Stainless Steel, Add .....                              | 508.73   |        |
|                  |    | For Primed Steel, Deduct .....                              | -327.04  |        |
| 05 51 33 23-0007 | EA | 9' Vertical Height Aluminum Alternating Tread Ladder .....  | 4,679.27 | 217.62 |
|                  |    | For Stainless Steel, Add .....                              | 573.30   |        |
|                  |    | For Primed Steel, Deduct .....                              | -345.96  |        |
| 05 51 33 23-0008 | EA | 10' Vertical Height Aluminum Alternating Tread Ladder ..... | 5,134.89 | 242.76 |
|                  |    | For Stainless Steel, Add .....                              | 648.86   |        |
|                  |    | For Primed Steel, Deduct .....                              | -367.69  |        |
| 05 51 33 23-0009 | EA | 11' Vertical Height Aluminum Alternating Tread Ladder ..... | 5,493.45 | 242.76 |
|                  |    | For Stainless Steel, Add .....                              | 726.06   |        |
|                  |    | For Primed Steel, Deduct .....                              | -386.45  |        |
| 05 51 33 23-0010 | EA | 12' Vertical Height Aluminum Alternating Tread Ladder ..... | 5,772.41 | 242.76 |
|                  |    | For Stainless Steel, Add .....                              | 794.12   |        |
|                  |    | For Primed Steel, Deduct .....                              | -397.06  |        |

**05 52 Metal Railings (05 50)****05 52 13 Pipe and Tube Railings (05 52)**

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

**05 52 13 00-0001 Welded Steel Pipe Railing (05 52 13)**

Note: Includes field welds and touch-up of welds.



|  |  |                    |           |           |
|--|--|--------------------|-----------|-----------|
|  |  | <b>Metals</b>      | <b>05</b> | <b>05</b> |
|  |  | Metal Fabrications | 05 50     |           |
|  |  | Metal Railings     | 05 52     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 13 00-0002 |     |     | One Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)<br>Note: Includes factory primed posts and one rail. |                           |                         |
| 05 52 13 00-0003 | LF  |     | 1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....                                           | 36.64                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                | 7.74                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                       | -3.43                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                       | -3.90                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                       | -5.15                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                       | -6.08                     |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                                                         | 13.57                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                              | 6.55                      |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                     | 10.14                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                      | 11.70                     |                         |
|                  |     |     | For Galvanizing, Add                                                                                                         | 6.24                      |                         |
|                  |     |     | For Wrought Iron, Add                                                                                                        | 3.66                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                                                                   | 7.33                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                                                 | 49.92                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                                                 | 56.16                     |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                                                      | 1.48                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                                                                  | 1.95                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                                                                  | 3.12                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                                         | 15.67                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                                                                  | 10.99                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                                                                  | 3.66                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                                                               | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post                                             | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                                                          | 13.06                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                                                       | 2.34                      |                         |
| 05 52 13 00-0004 | LF  |     | 1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....                                       | 39.33                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                | 13.33                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                       | -4.02                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                       | -4.57                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                       | -6.04                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                       | -7.13                     |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                                                         | 15.18                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                              | 7.68                      |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                     | 11.89                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                      | 13.72                     |                         |
|                  |     |     | For Galvanizing, Add                                                                                                         | 7.32                      |                         |
|                  |     |     | For Wrought Iron, Add                                                                                                        | 3.93                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                                                                   | 7.87                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                                                 | 58.53                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                                                 | 65.84                     |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                                                      | 1.74                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                                                                  | 2.29                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                                                                  | 3.66                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                                         | 17.29                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                                                                  | 11.80                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                                                                  | 3.93                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                                                               | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post                                             | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                                                          | 14.41                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                                                       | 2.74                      |                         |
| 05 52 13 00-0005 | LF  |     | 1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....                                       | 42.02                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                | 13.33                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                       | -4.62                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                       | -5.25                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                       | -6.92                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                       | -8.18                     |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                                                         | 16.80                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                              | 8.81                      |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                     | 13.64                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                      | 15.74                     |                         |
|                  |     |     | For Galvanizing, Add                                                                                                         | 8.39                      |                         |
|                  |     |     | For Wrought Iron, Add                                                                                                        | 4.20                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                                                                   | 8.40                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                                                 | 67.14                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                                                 | 75.53                     |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                                                      | 1.99                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                                                                  | 2.62                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                                                                  | 4.20                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                                         | 18.90                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                                                                  | 12.61                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                                                                  | 4.20                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                                                               | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post                                             | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                                                          | 15.75                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                                                       | 3.15                      |                         |

**05 Metals****05 50 Metal Fabrications****05 52 Metal Railings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 13 00-0006 | LF  |     | 2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....      | 46.68                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                           | 15.59                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -5.64                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -6.41                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -8.46                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -10.00                    |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 19.59                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                         | 10.77                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                | 16.67                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                 | 19.23                     |                         |
|                  |     |     | For Galvanizing, Add                                                                    | 10.26                     |                         |
|                  |     |     | For Wrought Iron, Add                                                                   | 4.67                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                              | 9.34                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                            | 82.05                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                            | 92.30                     |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                 | 2.44                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                             | 3.21                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                             | 5.13                      |                         |
|                  |     |     | For Curved Rail, Add                                                                    | 21.70                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                             | 14.00                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                             | 4.67                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 18.08                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                  | 3.85                      |                         |
| 05 52 13 00-0007 | LF  |     | 2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 52.27                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                           | 17.88                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -6.87                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -7.81                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -10.31                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -12.18                    |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 22.95                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                         | 13.12                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                | 20.30                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                 | 23.42                     |                         |
|                  |     |     | For Galvanizing, Add                                                                    | 12.49                     |                         |
|                  |     |     | For Wrought Iron, Add                                                                   | 5.23                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                              | 10.45                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                            | 99.94                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                            | 112.43                    |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                 | 2.97                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                             | 3.90                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                             | 6.25                      |                         |
|                  |     |     | For Curved Rail, Add                                                                    | 25.05                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                             | 15.68                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                             | 5.23                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 20.88                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                  | 4.68                      |                         |
| 05 52 13 00-0008 |     |     | <b>Two Rail, Up To 42" High, Welded Steel Pipe Railings</b> (05 52 13 00-0001)          |                           |                         |
|                  |     |     | Note: Includes factory primed posts and two rails.                                      |                           |                         |
| 05 52 13 00-0009 | LF  |     | 1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....      | 49.64                     | 10.52                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                           | 7.74                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -6.29                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -7.15                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -9.44                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -11.15                    |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 13.57                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                         | 12.01                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                | 18.59                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                 | 21.45                     |                         |
|                  |     |     | For Galvanizing, Add                                                                    | 11.44                     |                         |
|                  |     |     | For Wrought Iron, Add                                                                   | 4.96                      |                         |
|                  |     |     | For Solid Steel Rails, Add                                                              | 9.93                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                            | 91.52                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                            | 102.96                    |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                 | 2.72                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                             | 3.58                      |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                             | 5.72                      |                         |
|                  |     |     | For Curved Rail, Add                                                                    | 23.47                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                             | 14.89                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                             | 4.96                      |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 19.56                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                  | 4.29                      |                         |



|  |                    |           |  |
|--|--------------------|-----------|--|
|  | <b>Metals</b>      | <b>05</b> |  |
|  | Metal Fabrications | 05 50     |  |
|  | Metal Railings     | 05 52     |  |

| MINOR | CSI        | UOM | DESCRIPTION                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|------------|-----|-----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 | 13 00-0010 | LF  | 1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 54.57                     | 10.52                   |
|       |            |     | For Schedule 80 Handrail, Add                                                           | 13.33                     |                         |
|       |            |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -7.38                     |                         |
|       |            |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -8.38                     |                         |
|       |            |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -11.06                    |                         |
|       |            |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -13.08                    |                         |
|       |            |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 15.18                     |                         |
|       |            |     | For Aluminum, Satin Finish, Add                                                         | 14.08                     |                         |
|       |            |     | For Aluminum, Clear Anodized Finish, Add                                                | 21.79                     |                         |
|       |            |     | For Aluminum, Dark Anodized Finish, Add                                                 | 25.15                     |                         |
|       |            |     | For Galvanizing, Add                                                                    | 13.41                     |                         |
|       |            |     | For Wrought Iron, Add                                                                   | 5.46                      |                         |
|       |            |     | For Solid Steel Rails, Add                                                              | 10.91                     |                         |
|       |            |     | For 304 Stainless Steel, Add                                                            | 107.30                    |                         |
|       |            |     | For 316 Stainless Steel, Add                                                            | 120.71                    |                         |
|       |            |     | For 2" Wheel Guard, Add                                                                 | 3.19                      |                         |
|       |            |     | For 4" High Kick Plate, Add                                                             | 4.19                      |                         |
|       |            |     | For 6" High Kick Plate, Add                                                             | 6.71                      |                         |
|       |            |     | For Curved Rail, Add                                                                    | 26.43                     |                         |
|       |            |     | For Mounting On Stairs, Add                                                             | 16.37                     |                         |
|       |            |     | For Mounting On Slopes, Add                                                             | 5.46                      |                         |
|       |            |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|       |            |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|       |            |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 22.03                     |                         |
|       |            |     | For Nylon Coating, Add                                                                  | 5.03                      |                         |
| 05 52 | 13 00-0011 | LF  | 1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 59.50                     | 10.52                   |
|       |            |     | For Schedule 80 Handrail, Add                                                           | 13.33                     |                         |
|       |            |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -8.46                     |                         |
|       |            |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -9.62                     |                         |
|       |            |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -12.69                    |                         |
|       |            |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -15.00                    |                         |
|       |            |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 16.80                     |                         |
|       |            |     | For Aluminum, Satin Finish, Add                                                         | 16.15                     |                         |
|       |            |     | For Aluminum, Clear Anodized Finish, Add                                                | 25.00                     |                         |
|       |            |     | For Aluminum, Dark Anodized Finish, Add                                                 | 28.85                     |                         |
|       |            |     | For Galvanizing, Add                                                                    | 15.38                     |                         |
|       |            |     | For Wrought Iron, Add                                                                   | 5.95                      |                         |
|       |            |     | For Solid Steel Rails, Add                                                              | 11.90                     |                         |
|       |            |     | For 304 Stainless Steel, Add                                                            | 123.07                    |                         |
|       |            |     | For 316 Stainless Steel, Add                                                            | 138.46                    |                         |
|       |            |     | For 2" Wheel Guard, Add                                                                 | 3.65                      |                         |
|       |            |     | For 4" High Kick Plate, Add                                                             | 4.81                      |                         |
|       |            |     | For 6" High Kick Plate, Add                                                             | 7.69                      |                         |
|       |            |     | For Curved Rail, Add                                                                    | 29.39                     |                         |
|       |            |     | For Mounting On Stairs, Add                                                             | 17.85                     |                         |
|       |            |     | For Mounting On Slopes, Add                                                             | 5.95                      |                         |
|       |            |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|       |            |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|       |            |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 24.49                     |                         |
|       |            |     | For Nylon Coating, Add                                                                  | 5.77                      |                         |
| 05 52 | 13 00-0012 | LF  | 2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....      | 68.04                     | 10.52                   |
|       |            |     | For Schedule 80 Handrail, Add                                                           | 15.59                     |                         |
|       |            |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -10.34                    |                         |
|       |            |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -11.75                    |                         |
|       |            |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -15.51                    |                         |
|       |            |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -18.33                    |                         |
|       |            |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 19.59                     |                         |
|       |            |     | For Aluminum, Satin Finish, Add                                                         | 19.74                     |                         |
|       |            |     | For Aluminum, Clear Anodized Finish, Add                                                | 30.55                     |                         |
|       |            |     | For Aluminum, Dark Anodized Finish, Add                                                 | 35.25                     |                         |
|       |            |     | For Galvanizing, Add                                                                    | 18.80                     |                         |
|       |            |     | For Wrought Iron, Add                                                                   | 6.80                      |                         |
|       |            |     | For Solid Steel Rails, Add                                                              | 13.61                     |                         |
|       |            |     | For 304 Stainless Steel, Add                                                            | 150.40                    |                         |
|       |            |     | For 316 Stainless Steel, Add                                                            | 169.20                    |                         |
|       |            |     | For 2" Wheel Guard, Add                                                                 | 4.47                      |                         |
|       |            |     | For 4" High Kick Plate, Add                                                             | 5.88                      |                         |
|       |            |     | For 6" High Kick Plate, Add                                                             | 9.40                      |                         |
|       |            |     | For Curved Rail, Add                                                                    | 34.51                     |                         |
|       |            |     | For Mounting On Stairs, Add                                                             | 20.41                     |                         |
|       |            |     | For Mounting On Slopes, Add                                                             | 6.80                      |                         |
|       |            |     | For Post Base Flange With Screws, Add Per Post                                          | 19.60                     |                         |
|       |            |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 29.66                     |                         |
|       |            |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 28.76                     |                         |
|       |            |     | For Nylon Coating, Add                                                                  | 7.05                      |                         |

**05 Metals****05 50 Metal Fabrications****05 52 Metal Railings**

| MINOR            |                                                                                              | TOTAL DIRECT |           | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                              | UNIT COST    | UNIT COST | UNIT COST  |
| 05 52 13 00-0013 | LF 2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....   | 78.28        |           | 10.52      |
|                  | For Schedule 80 Handrail, Add                                                                | 17.88        |           |            |
|                  | For 11 Gauge A513 Steel Tubing, Deduct                                                       | -12.59       |           |            |
|                  | For 12 Gauge A513 Steel Tubing, Deduct                                                       | -14.31       |           |            |
|                  | For 14 Gauge A513 Steel Tubing, Deduct                                                       | -18.89       |           |            |
|                  | For 16 Gauge A513 Steel Tubing, Deduct                                                       | -22.32       |           |            |
|                  | For Additional Off Set Handrail, ADA Attachment, Add                                         | 22.95        |           |            |
|                  | For Aluminum, Satin Finish, Add                                                              | 24.04        |           |            |
|                  | For Aluminum, Clear Anodized Finish, Add                                                     | 37.21        |           |            |
|                  | For Aluminum, Dark Anodized Finish, Add                                                      | 42.93        |           |            |
|                  | For Galvanizing, Add                                                                         | 22.90        |           |            |
|                  | For Wrought Iron, Add                                                                        | 7.83         |           |            |
|                  | For Solid Steel Rails, Add                                                                   | 15.66        |           |            |
|                  | For 304 Stainless Steel, Add                                                                 | 183.17       |           |            |
|                  | For 316 Stainless Steel, Add                                                                 | 206.06       |           |            |
|                  | For 2" Wheel Guard, Add                                                                      | 5.44         |           |            |
|                  | For 4" High Kick Plate, Add                                                                  | 7.16         |           |            |
|                  | For 6" High Kick Plate, Add                                                                  | 11.45        |           |            |
|                  | For Curved Rail, Add                                                                         | 40.66        |           |            |
|                  | For Mounting On Stairs, Add                                                                  | 23.48        |           |            |
|                  | For Mounting On Slopes, Add                                                                  | 7.83         |           |            |
|                  | For Post Base Flange With Screws, Add Per Post                                               | 19.60        |           |            |
|                  | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post             | 29.66        |           |            |
|                  | For Custom Design Or Shapes (Square Tops, etc), Add                                          | 33.88        |           |            |
|                  | For Nylon Coating, Add                                                                       | 8.59         |           |            |
| 05 52 13 00-0014 | Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)                    |              |           |            |
|                  | Note: Includes factory primed posts and three rails.                                         |              |           |            |
| 05 52 13 00-0015 | LF 1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing .....     | 75.42        |           | 12.62      |
|                  | For Schedule 80 Handrail, Add                                                                | 10.86        |           |            |
|                  | For 11 Gauge A513 Steel Tubing, Deduct                                                       | -11.04       |           |            |
|                  | For 12 Gauge A513 Steel Tubing, Deduct                                                       | -12.54       |           |            |
|                  | For 14 Gauge A513 Steel Tubing, Deduct                                                       | -16.56       |           |            |
|                  | For 16 Gauge A513 Steel Tubing, Deduct                                                       | -19.57       |           |            |
|                  | For Additional Off Set Handrail, ADA Attachment, Add                                         | 14.41        |           |            |
|                  | For Aluminum, Satin Finish, Add                                                              | 21.07        |           |            |
|                  | For Aluminum, Clear Anodized Finish, Add                                                     | 32.61        |           |            |
|                  | For Aluminum, Dark Anodized Finish, Add                                                      | 37.63        |           |            |
|                  | For Galvanizing, Add                                                                         | 20.07        |           |            |
|                  | For Wrought Iron, Add                                                                        | 7.54         |           |            |
|                  | For Solid Steel Rails, Add                                                                   | 15.08        |           |            |
|                  | For 304 Stainless Steel, Add                                                                 | 160.54       |           |            |
|                  | For 316 Stainless Steel, Add                                                                 | 180.61       |           |            |
|                  | For 2" Wheel Guard, Add                                                                      | 4.77         |           |            |
|                  | For 4" High Kick Plate, Add                                                                  | 6.27         |           |            |
|                  | For 6" High Kick Plate, Add                                                                  | 10.03        |           |            |
|                  | For Curved Rail, Add                                                                         | 37.68        |           |            |
|                  | For Mounting On Stairs, Add                                                                  | 22.63        |           |            |
|                  | For Mounting On Slopes, Add                                                                  | 7.54         |           |            |
|                  | For Post Base Flange With Screws, Add Per Post                                               | 20.03        |           |            |
|                  | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post             | 30.29        |           |            |
|                  | For Custom Design Or Shapes (Square Tops, etc), Add                                          | 31.40        |           |            |
|                  | For Nylon Coating, Add                                                                       | 7.53         |           |            |
| 05 52 13 00-0016 | LF 1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 84.05        |           | 12.62      |
|                  | For Schedule 80 Handrail, Add                                                                | 18.32        |           |            |
|                  | For 11 Gauge A513 Steel Tubing, Deduct                                                       | -12.94       |           |            |
|                  | For 12 Gauge A513 Steel Tubing, Deduct                                                       | -14.70       |           |            |
|                  | For 14 Gauge A513 Steel Tubing, Deduct                                                       | -19.40       |           |            |
|                  | For 16 Gauge A513 Steel Tubing, Deduct                                                       | -22.93       |           |            |
|                  | For Additional Off Set Handrail, ADA Attachment, Add                                         | 16.02        |           |            |
|                  | For Aluminum, Satin Finish, Add                                                              | 24.70        |           |            |
|                  | For Aluminum, Clear Anodized Finish, Add                                                     | 38.22        |           |            |
|                  | For Aluminum, Dark Anodized Finish, Add                                                      | 44.10        |           |            |
|                  | For Galvanizing, Add                                                                         | 23.52        |           |            |
|                  | For Wrought Iron, Add                                                                        | 8.41         |           |            |
|                  | For Solid Steel Rails, Add                                                                   | 16.81        |           |            |
|                  | For 304 Stainless Steel, Add                                                                 | 188.16       |           |            |
|                  | For 316 Stainless Steel, Add                                                                 | 211.68       |           |            |
|                  | For 2" Wheel Guard, Add                                                                      | 5.59         |           |            |
|                  | For 4" High Kick Plate, Add                                                                  | 7.35         |           |            |
|                  | For 6" High Kick Plate, Add                                                                  | 11.76        |           |            |
|                  | For Curved Rail, Add                                                                         | 42.86        |           |            |
|                  | For Mounting On Stairs, Add                                                                  | 25.22        |           |            |
|                  | For Mounting On Slopes, Add                                                                  | 8.41         |           |            |
|                  | For Post Base Flange With Screws, Add Per Post                                               | 20.03        |           |            |
|                  | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post             | 30.29        |           |            |
|                  | For Custom Design Or Shapes (Square Tops, etc), Add                                          | 35.71        |           |            |
|                  | For Nylon Coating, Add                                                                       | 8.82         |           |            |



|  |                    |           |  |
|--|--------------------|-----------|--|
|  | <b>Metals</b>      | <b>05</b> |  |
|  | Metal Fabrications | 05 50     |  |
|  | Metal Railings     | 05 52     |  |

| MINOR            | CSI | UOM    | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TOTAL DIRECT<br>UNIT COST                                                                                                                                                                                                           | DEMOLITION<br>UNIT COST |
|------------------|-----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 05 52 13 00-0017 | LF  | 1-1/2" | Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....<br>For Schedule 80 Handrail, Add<br>For 11 Gauge A513 Steel Tubing, Deduct<br>For 12 Gauge A513 Steel Tubing, Deduct<br>For 14 Gauge A513 Steel Tubing, Deduct<br>For 16 Gauge A513 Steel Tubing, Deduct<br>For Additional Off Set Handrail, ADA Attachment, Add<br>For Aluminum, Satin Finish, Add<br>For Aluminum, Clear Anodized Finish, Add<br>For Aluminum, Dark Anodized Finish, Add<br>For Galvanizing, Add<br>For Wrought Iron, Add<br>For Solid Steel Rails, Add<br>For 304 Stainless Steel, Add<br>For 316 Stainless Steel, Add<br>For 2" Wheel Guard, Add<br>For 4" High Kick Plate, Add<br>For 6" High Kick Plate, Add<br>For Curved Rail, Add<br>For Mounting On Stairs, Add<br>For Mounting On Slopes, Add<br>For Post Base Flange With Screws, Add Per Post<br>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post<br>For Custom Design Or Shapes (Square Tops, etc), Add<br>For Nylon Coating, Add | 92.69<br>18.32<br>-14.64<br>-16.86<br>-22.26<br>-26.30<br>17.64<br>28.32<br>43.84<br>50.58<br>26.98<br>9.27<br>18.54<br>215.81<br>242.78<br>6.41<br>8.43<br>13.49<br>48.04<br>27.81<br>9.27<br>20.03<br>30.29<br>40.03<br>10.12     | 12.62                   |
| 05 52 13 00-0018 | LF  | 2"     | Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....<br>For Schedule 80 Handrail, Add<br>For 11 Gauge A513 Steel Tubing, Deduct<br>For 12 Gauge A513 Steel Tubing, Deduct<br>For 14 Gauge A513 Steel Tubing, Deduct<br>For 16 Gauge A513 Steel Tubing, Deduct<br>For Additional Off Set Handrail, ADA Attachment, Add<br>For Aluminum, Satin Finish, Add<br>For Aluminum, Clear Anodized Finish, Add<br>For Aluminum, Dark Anodized Finish, Add<br>For Galvanizing, Add<br>For Wrought Iron, Add<br>For Solid Steel Rails, Add<br>For 304 Stainless Steel, Add<br>For 316 Stainless Steel, Add<br>For 2" Wheel Guard, Add<br>For 4" High Kick Plate, Add<br>For 6" High Kick Plate, Add<br>For Curved Rail, Add<br>For Mounting On Stairs, Add<br>For Mounting On Slopes, Add<br>For Post Base Flange With Screws, Add Per Post<br>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post<br>For Custom Design Or Shapes (Square Tops, etc), Add<br>For Nylon Coating, Add | 107.70<br>21.33<br>-18.14<br>-20.61<br>-27.21<br>-32.16<br>20.43<br>34.63<br>53.59<br>61.84<br>32.98<br>10.77<br>21.54<br>263.84<br>296.82<br>7.83<br>10.31<br>16.49<br>57.05<br>32.31<br>10.77<br>20.03<br>30.29<br>47.54<br>12.37 | 12.62                   |
| 05 52 13 00-0019 | LF  | 2-1/2" | Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....<br>For Schedule 80 Handrail, Add<br>For 11 Gauge A513 Steel Tubing, Deduct<br>For 12 Gauge A513 Steel Tubing, Deduct<br>For 14 Gauge A513 Steel Tubing, Deduct<br>For 16 Gauge A513 Steel Tubing, Deduct<br>For Additional Off Set Handrail, ADA Attachment, Add<br>For Aluminum, Satin Finish, Add<br>For Aluminum, Clear Anodized Finish, Add<br>For Aluminum, Dark Anodized Finish, Add<br>For Galvanizing, Add<br>For Wrought Iron, Add<br>For Solid Steel Rails, Add<br>For 304 Stainless Steel, Add<br>For 316 Stainless Steel, Add<br>For 2" Wheel Guard, Add<br>For 4" High Kick Plate, Add<br>For 6" High Kick Plate, Add<br>For Curved Rail, Add<br>For Mounting On Stairs, Add<br>For Mounting On Slopes, Add<br>For Post Base Flange With Screws, Add Per Post<br>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post<br>For Custom Design Or Shapes (Square Tops, etc), Add<br>For Nylon Coating, Add | 125.58<br>24.38<br>-22.07<br>-25.08<br>-33.11<br>-39.13<br>23.79<br>42.14<br>65.21<br>75.25<br>40.13<br>12.56<br>25.12<br>321.06<br>361.19<br>9.53<br>12.54<br>20.07<br>67.77<br>37.67<br>12.56<br>20.03<br>30.29<br>56.48<br>15.05 | 12.62                   |
| 05 52 13 00-0020 |     |        | Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)<br>Note: Includes factory primed posts and four rails.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |                         |

**05 Metals****05 50 Metal Fabrications****05 52 Metal Railings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                          |        |       |
|------------------|----|------------------------------------------------------------------------------------------|--------|-------|
| 05 52 13 00-0021 | LF | 1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing .....     | 91.02  | 14.73 |
|                  |    | For Schedule 80 Handrail, Add                                                            | 14.25  |       |
|                  |    | For 11 Gauge A513 Steel Tubing, Deduct                                                   | -13.55 |       |
|                  |    | For 12 Gauge A513 Steel Tubing, Deduct                                                   | -15.39 |       |
|                  |    | For 14 Gauge A513 Steel Tubing, Deduct                                                   | -20.32 |       |
|                  |    | For 16 Gauge A513 Steel Tubing, Deduct                                                   | -24.01 |       |
|                  |    | For Additional Off Set Handrail, ADA Attachment, Add                                     | 15.25  |       |
|                  |    | For Aluminum, Satin Finish, Add                                                          | 25.86  |       |
|                  |    | For Aluminum, Clear Anodized Finish, Add                                                 | 40.02  |       |
|                  |    | For Aluminum, Dark Anodized Finish, Add                                                  | 46.18  |       |
|                  |    | For Galvanizing, Add                                                                     | 24.63  |       |
|                  |    | For Wrought Iron, Add                                                                    | 9.10   |       |
|                  |    | For Solid Steel Rails, Add                                                               | 18.20  |       |
|                  |    | For 304 Stainless Steel, Add                                                             | 197.02 |       |
|                  |    | For 316 Stainless Steel, Add                                                             | 221.65 |       |
|                  |    | For 2" Wheel Guard, Add                                                                  | 5.85   |       |
|                  |    | For 4" High Kick Plate, Add                                                              | 7.70   |       |
|                  |    | For 6" High Kick Plate, Add                                                              | 12.31  |       |
|                  |    | For Curved Rail, Add                                                                     | 45.78  |       |
|                  |    | For Mounting On Stairs, Add                                                              | 27.31  |       |
|                  |    | For Mounting On Slopes, Add                                                              | 9.10   |       |
|                  |    | For Post Base Flange With Screws, Add Per Post                                           | 20.45  |       |
|                  |    | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post         | 30.92  |       |
|                  |    | For Custom Design Or Shapes (Square Tops, etc), Add                                      | 38.15  |       |
|                  |    | For Nylon Coating, Add                                                                   | 9.24   |       |
| 05 52 13 00-0022 | LF | 1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 98.69  | 14.73 |
|                  |    | For Schedule 80 Handrail, Add                                                            | 23.57  |       |
|                  |    | For 11 Gauge A513 Steel Tubing, Deduct                                                   | -15.23 |       |
|                  |    | For 12 Gauge A513 Steel Tubing, Deduct                                                   | -17.31 |       |
|                  |    | For 14 Gauge A513 Steel Tubing, Deduct                                                   | -22.85 |       |
|                  |    | For 16 Gauge A513 Steel Tubing, Deduct                                                   | -27.00 |       |
|                  |    | For Additional Off Set Handrail, ADA Attachment, Add                                     | 16.86  |       |
|                  |    | For Aluminum, Satin Finish, Add                                                          | 29.08  |       |
|                  |    | For Aluminum, Clear Anodized Finish, Add                                                 | 45.01  |       |
|                  |    | For Aluminum, Dark Anodized Finish, Add                                                  | 51.93  |       |
|                  |    | For Galvanizing, Add                                                                     | 27.70  |       |
|                  |    | For Wrought Iron, Add                                                                    | 9.87   |       |
|                  |    | For Solid Steel Rails, Add                                                               | 19.74  |       |
|                  |    | For 304 Stainless Steel, Add                                                             | 221.57 |       |
|                  |    | For 316 Stainless Steel, Add                                                             | 249.26 |       |
|                  |    | For 2" Wheel Guard, Add                                                                  | 6.58   |       |
|                  |    | For 4" High Kick Plate, Add                                                              | 8.66   |       |
|                  |    | For 6" High Kick Plate, Add                                                              | 13.85  |       |
|                  |    | For Curved Rail, Add                                                                     | 50.38  |       |
|                  |    | For Mounting On Stairs, Add                                                              | 29.61  |       |
|                  |    | For Mounting On Slopes, Add                                                              | 9.87   |       |
|                  |    | For Post Base Flange With Screws, Add Per Post                                           | 20.45  |       |
|                  |    | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post         | 30.92  |       |
|                  |    | For Custom Design Or Shapes (Square Tops, etc), Add                                      | 41.98  |       |
|                  |    | For Nylon Coating, Add                                                                   | 10.39  |       |
| 05 52 13 00-0023 | LF | 1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing ..... | 106.36 | 14.73 |
|                  |    | For Schedule 80 Handrail, Add                                                            | 23.57  |       |
|                  |    | For 11 Gauge A513 Steel Tubing, Deduct                                                   | -16.92 |       |
|                  |    | For 12 Gauge A513 Steel Tubing, Deduct                                                   | -19.23 |       |
|                  |    | For 14 Gauge A513 Steel Tubing, Deduct                                                   | -25.38 |       |
|                  |    | For 16 Gauge A513 Steel Tubing, Deduct                                                   | -29.99 |       |
|                  |    | For Additional Off Set Handrail, ADA Attachment, Add                                     | 18.48  |       |
|                  |    | For Aluminum, Satin Finish, Add                                                          | 32.30  |       |
|                  |    | For Aluminum, Clear Anodized Finish, Add                                                 | 49.99  |       |
|                  |    | For Aluminum, Dark Anodized Finish, Add                                                  | 57.68  |       |
|                  |    | For Galvanizing, Add                                                                     | 30.76  |       |
|                  |    | For Wrought Iron, Add                                                                    | 10.64  |       |
|                  |    | For Solid Steel Rails, Add                                                               | 21.27  |       |
|                  |    | For 304 Stainless Steel, Add                                                             | 246.11 |       |
|                  |    | For 316 Stainless Steel, Add                                                             | 276.88 |       |
|                  |    | For 2" Wheel Guard, Add                                                                  | 7.31   |       |
|                  |    | For 4" High Kick Plate, Add                                                              | 9.61   |       |
|                  |    | For 6" High Kick Plate, Add                                                              | 15.38  |       |
|                  |    | For Curved Rail, Add                                                                     | 54.98  |       |
|                  |    | For Mounting On Stairs, Add                                                              | 31.91  |       |
|                  |    | For Mounting On Slopes, Add                                                              | 10.64  |       |
|                  |    | For Post Base Flange With Screws, Add Per Post                                           | 20.45  |       |
|                  |    | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post         | 30.92  |       |
|                  |    | For Custom Design Or Shapes (Square Tops, etc), Add                                      | 45.82  |       |
|                  |    | For Nylon Coating, Add                                                                   | 11.54  |       |





|  |  |  |                    |           |           |
|--|--|--|--------------------|-----------|-----------|
|  |  |  | <b>Metals</b>      | <b>05</b> | <b>05</b> |
|  |  |  | Metal Fabrications | 05 50     |           |
|  |  |  | Metal Railings     | 05 52     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 13 00-0024 | LF  |     | 2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....     | 123.44                    | 14.73                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                           | 27.34                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -20.68                    |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -23.50                    |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -31.02                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -36.66                    |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 21.27                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                         | 39.48                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                | 61.09                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                 | 70.49                     |                         |
|                  |     |     | For Galvanizing, Add                                                                    | 37.60                     |                         |
|                  |     |     | For Wrought Iron, Add                                                                   | 12.34                     |                         |
|                  |     |     | For Solid Steel Rails, Add                                                              | 24.69                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                            | 300.77                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                            | 338.36                    |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                 | 8.93                      |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                             | 11.75                     |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                             | 18.80                     |                         |
|                  |     |     | For Curved Rail, Add                                                                    | 65.23                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                             | 37.03                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                             | 12.34                     |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                          | 20.45                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 30.92                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 54.36                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                  | 14.10                     |                         |
| 05 52 13 00-0025 | LF  |     | 2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing..... | 143.46                    | 14.73                   |
|                  |     |     | For Schedule 80 Handrail, Add                                                           | 31.15                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                  | -25.08                    |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                  | -28.50                    |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                  | -37.62                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                  | -44.46                    |                         |
|                  |     |     | For Additional Off Set Handrail, ADA Attachment, Add                                    | 24.63                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                         | 47.88                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                | 74.11                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                 | 85.51                     |                         |
|                  |     |     | For Galvanizing, Add                                                                    | 45.60                     |                         |
|                  |     |     | For Wrought Iron, Add                                                                   | 14.35                     |                         |
|                  |     |     | For Solid Steel Rails, Add                                                              | 28.69                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                            | 364.83                    |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                            | 410.44                    |                         |
|                  |     |     | For 2" Wheel Guard, Add                                                                 | 10.83                     |                         |
|                  |     |     | For 4" High Kick Plate, Add                                                             | 14.25                     |                         |
|                  |     |     | For 6" High Kick Plate, Add                                                             | 22.80                     |                         |
|                  |     |     | For Curved Rail, Add                                                                    | 77.24                     |                         |
|                  |     |     | For Mounting On Stairs, Add                                                             | 43.04                     |                         |
|                  |     |     | For Mounting On Slopes, Add                                                             | 14.35                     |                         |
|                  |     |     | For Post Base Flange With Screws, Add Per Post                                          | 20.45                     |                         |
|                  |     |     | For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post        | 30.92                     |                         |
|                  |     |     | For Custom Design Or Shapes (Square Tops, etc), Add                                     | 64.37                     |                         |
|                  |     |     | For Nylon Coating, Add                                                                  | 17.10                     |                         |
| 05 52 13 00-0026 |     |     | <b>Railing Infill Panels</b> (05 52 13)                                                 |                           |                         |
|                  |     |     | Note: Includes field welds and touch-up of welds.                                       |                           |                         |
| 05 52 13 00-0027 |     |     | <b>Wire Mesh Or Welded Wire Mesh, Railing Infill Panels</b> (05 52 13 00-0026)          |                           |                         |
|                  |     |     | Note: Square weave or square welded wire mesh.                                          |                           |                         |
| 05 52 13 00-0028 | SF  |     | Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....          | 14.97                     |                         |
| 05 52 13 00-0029 | SF  |     | Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....             | 15.90                     |                         |
| 05 52 13 00-0030 | SF  |     | Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....                     | 16.71                     |                         |
| 05 52 13 00-0031 | SF  |     | Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....              | 28.26                     |                         |
| 05 52 13 00-0032 |     |     | <b>Perforated Metal, Railing Infill Panels</b> (05 52 13 00-0026)                       |                           |                         |
| 05 52 13 00-0033 | SF  |     | Powder Coated Steel, Perforated Metal, Railing Infill Panel .....                       | 14.68                     |                         |
| 05 52 13 00-0034 | SF  |     | Galvanized Steel, Perforated Metal, Railing Infill Panel .....                          | 15.18                     |                         |
| 05 52 13 00-0035 | SF  |     | Aluminum, Perforated Metal, Railing Infill Panel .....                                  | 16.25                     |                         |
| 05 52 13 00-0036 | SF  |     | Stainless Steel, Perforated Metal, Railing Infill Panel .....                           | 32.61                     |                         |
| 05 52 13 00-0037 |     |     | <b>Expanded Metal, Railing Infill Panels</b> (05 52 13 00-0026)                         |                           |                         |
| 05 52 13 00-0038 | SF  |     | Powder Coated Steel, Expanded Metal, Railing Infill Panel .....                         | 6.62                      |                         |
| 05 52 13 00-0039 | SF  |     | Galvanized Steel, Expanded Metal, Railing Infill Panel .....                            | 13.53                     |                         |
| 05 52 13 00-0040 | SF  |     | Aluminum, Expanded Metal, Railing Infill Panel .....                                    | 17.77                     |                         |
| 05 52 13 00-0041 | SF  |     | Stainless Steel, Expanded Metal, Railing Infill Panel .....                             | 26.50                     |                         |
| 05 52 13 00-0042 |     |     | <b>Railing Accessories</b> (05 52 13)                                                   |                           |                         |
| 05 52 13 00-0043 | EA  |     | Anti-Skateboard Devise Attached To Stair Railing.....                                   | 45.66                     | 20.40                   |
| 05 52 13 00-0044 |     |     | <b>Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings</b> (05 52 13)      |                           |                         |
|                  |     |     | Note: Includes factory primed, fasteners and field touch-up of welds.                   |                           |                         |

**05 Metals****05 50 Metal Fabrications****05 52 Metal Railings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 13 00-0045 | LF  |     | 1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....        | 37.67                     | 6.31                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 3.55                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -4.82                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -5.47                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -7.22                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -8.54                     |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 43.78                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 9.19                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 11.30                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 14.23                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 16.42                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 6.57                      |                         |
| 05 52 13 00-0046 | LF  |     | 1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....   | 38.38                     | 6.31                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 4.46                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -4.97                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -5.65                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -7.46                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -8.81                     |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 45.20                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 9.49                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 11.51                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 14.69                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 16.95                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 6.78                      |                         |
| 05 52 13 00-0047 | LF  |     | 1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....   | 39.09                     | 6.31                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 16.90                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -5.13                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -5.83                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -7.69                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -9.09                     |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 46.62                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 9.79                      |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 11.73                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 15.15                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 17.48                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 6.99                      |                         |
| 05 52 13 00-0048 | LF  |     | 2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....        | 47.21                     | 6.31                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 6.16                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -6.91                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -7.86                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -10.37                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -12.26                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 62.86                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 13.20                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 14.16                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 20.43                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 23.57                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 9.43                      |                         |
| 05 52 13 00-0049 | LF  |     | 2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....   | 53.92                     | 6.31                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 6.93                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -8.39                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -9.54                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -12.59                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -14.87                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 76.28                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 16.02                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 16.18                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 24.79                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 28.61                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 11.44                     |                         |
| 05 52 13 00-0050 |     |     | <b>Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel<br/>Pipe Railings (05 52 13)</b> |                           |                         |
|                  |     |     | Note: Includes factory primed, fasteners and field touch-up of welds.                                 |                           |                         |
| 05 52 13 00-0051 | LF  |     | 1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....     | 45.97                     | 6.62                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                         | 3.55                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                | -6.64                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                | -7.55                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                | -9.96                     |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                | -11.77                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                              | 60.38                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                       | 12.68                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                  | 13.79                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                              | 19.62                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                               | 22.64                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                            | 9.06                      |                         |



|  |                           |              |  |
|--|---------------------------|--------------|--|
|  | <b>Metals</b>             | <b>05</b>    |  |
|  | <b>Metal Fabrications</b> | <b>05 50</b> |  |
|  | <b>Metal Railings</b>     | <b>05 52</b> |  |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 52 13 00-0052 | LF  |     | 1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....                                                                                                                                                                                                                                                                                                                                             | 46.96                     | 6.62                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                                                                                                                                                                                                                                                                                                                                    | 4.46                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -6.66                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -7.80                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -10.29                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -12.16                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                                                                                                                                                                                                                                                                                                                                                                         | 62.36                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                  | 13.10                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                                                                                                                                                                                                                                                                                                                                                             | 14.09                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                         | 20.27                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                          | 23.39                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                       | 9.35                      |                         |
| 05 52 13 00-0053 | LF  |     | 1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....                                                                                                                                                                                                                                                                                                                                             | 47.70                     | 6.62                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                                                                                                                                                                                                                                                                                                                                    | 16.90                     |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -7.02                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -7.98                     |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -10.53                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -12.45                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                                                                                                                                                                                                                                                                                                                                                                         | 63.84                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                  | 13.41                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                                                                                                                                                                                                                                                                                                                                                             | 14.31                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                         | 20.75                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                          | 23.94                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                       | 9.58                      |                         |
| 05 52 13 00-0054 | LF  |     | 2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....                                                                                                                                                                                                                                                                                                                                                 | 59.04                     | 6.62                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                                                                                                                                                                                                                                                                                                                                    | 6.16                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -9.52                     |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -10.82                    |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -14.28                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -16.87                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                                                                                                                                                                                                                                                                                                                                                                         | 86.52                     |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                  | 18.17                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                                                                                                                                                                                                                                                                                                                                                             | 17.71                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                         | 28.12                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                          | 32.45                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                       | 12.98                     |                         |
| 05 52 13 00-0055 | LF  |     | 2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....                                                                                                                                                                                                                                                                                                                                             | 66.45                     | 6.62                    |
|                  |     |     | For Schedule 80 Handrail, Add                                                                                                                                                                                                                                                                                                                                                                                                                    | 6.93                      |                         |
|                  |     |     | For 11 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -11.15                    |                         |
|                  |     |     | For 12 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -12.67                    |                         |
|                  |     |     | For 14 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -16.72                    |                         |
|                  |     |     | For 16 Gauge A513 Steel Tubing, Deduct                                                                                                                                                                                                                                                                                                                                                                                                           | -19.76                    |                         |
|                  |     |     | For Stainless Steel, Add                                                                                                                                                                                                                                                                                                                                                                                                                         | 101.34                    |                         |
|                  |     |     | For Aluminum, Satin Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                  | 21.28                     |                         |
|                  |     |     | For Curved Rail, Add                                                                                                                                                                                                                                                                                                                                                                                                                             | 19.94                     |                         |
|                  |     |     | For Aluminum, Clear Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                         | 32.94                     |                         |
|                  |     |     | For Aluminum, Dark Anodized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                          | 38.00                     |                         |
|                  |     |     | For Galvanized Finish, Add                                                                                                                                                                                                                                                                                                                                                                                                                       | 15.20                     |                         |
| 05 52 13 00-0056 |     |     | <b>Remove And Reinstall Pipe Railing</b> (05 52 13)                                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |
| 05 52 13 00-0057 | LF  |     | Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing.....                                                                                                                                                                                                                                                                                                                                                                             | 23.66                     |                         |
| 05 52 13 00-0058 | LF  |     | Removal And Reinstallation Of Floor Mounted Pipe Railing.....                                                                                                                                                                                                                                                                                                                                                                                    | 31.98                     |                         |
| 05 52 13 00-0059 | EA  |     | Install New Galvanized Steel Pipe Railing Bracket.....                                                                                                                                                                                                                                                                                                                                                                                           | 64.47                     |                         |
|                  |     |     | For Stainless Steel, Add                                                                                                                                                                                                                                                                                                                                                                                                                         | 65.82                     |                         |
| 05 52 13 00-0060 |     |     | <b>Non-Welded Aluminum Railing</b> (05 52 13)                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| 05 52 13 00-0061 |     |     | <b>One Rail, Up To 43" High, Non-Welded Aluminum Pipe Railings</b> (05 52 13 00-0060)                                                                                                                                                                                                                                                                                                                                                            |                           |                         |
|                  |     |     | Note: Includes one rail.                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                         |
| 05 52 13 00-0062 | LF  |     | 1-1/2" Diameter, 43" High, Schedule 40, Non-Welded, Clear Anodized Finish, Aluminum Railing Assembly With<br>One Horizontal Line.....                                                                                                                                                                                                                                                                                                            | 118.00                    | 16.25                   |
|                  |     |     | Note: Includes railing, posts with reinforcement rod, #508 floor cover flanges, #540 side cover flange, #506<br>mitered elbows, #513 rail elbow and #530 rail end loops. Excludes concrete core drilling or partching.                                                                                                                                                                                                                           |                           |                         |
| <b>05 53</b>     |     |     | <b>Metal Gratings</b> (05 50)                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                         |
| <b>05 53 13</b>  |     |     | <b>Bar Gratings</b> (05 53)                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                         |
| 05 53 13 00-0001 |     |     | <b>Welded Grating</b> (05 53 13)                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                         |
|                  |     |     | Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars<br>and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating<br>is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric<br>current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel. |                           |                         |
| 05 53 13 00-0002 |     |     | <b>Steel, Welded Grating</b> (05 53 13 00-0001)                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in<br>all sizes.                                                                                                                                                                                                                                                                                                                 |                           |                         |

**05 Metals****05 50 Metal Fabrications****05 53 Metal Gratings**

| MINOR            | CSI | UOM | DESCRIPTION                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------|---------------------------|-------------------------|
| 05 53 13 00-0003 | SF  |     | 3/4" x 1/8" Steel, Welded Grating .....                               | 13.60                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 1.92                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 36.24                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 3.30                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 1.22                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -1.83                     |                         |
| 05 53 13 00-0004 | SF  |     | 3/4" x 3/16" Steel, Welded Grating .....                              | 18.28                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 2.71                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 51.26                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 4.66                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 1.72                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -1.95                     |                         |
| 05 53 13 00-0005 | SF  |     | 1" x 1/8" Steel, Welded Grating .....                                 | 16.61                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 2.43                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 45.90                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 4.18                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 1.54                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -1.91                     |                         |
| 05 53 13 00-0006 | SF  |     | 1" x 3/16" Steel, Welded Grating .....                                | 22.95                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 3.51                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 66.25                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 6.03                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 2.23                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.06                     |                         |
| 05 53 13 00-0007 | SF  |     | 1" x 1/4" Steel, Welded Grating .....                                 | 29.30                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 4.59                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 86.64                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 7.88                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 2.91                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.22                     |                         |
| 05 53 13 00-0008 | SF  |     | 1-1/4" x 1/8" Steel, Welded Grating .....                             | 19.65                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 2.95                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 55.66                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 5.06                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 1.87                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -1.98                     |                         |
| 05 53 13 00-0009 | SF  |     | 1-1/4" x 3/16" Steel, Welded Grating .....                            | 27.36                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 4.26                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 80.41                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 7.31                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 2.71                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.17                     |                         |
| 05 53 13 00-0010 | SF  |     | 1-1/2" x 1/8" Steel, Welded Grating .....                             | 22.69                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 3.46                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 65.42                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 5.95                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 2.20                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.06                     |                         |
| 05 53 13 00-0011 | SF  |     | 1-1/2" x 3/16" Steel, Welded Grating .....                            | 32.53                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 5.05                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 95.30                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 8.67                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 3.21                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.65                     |                         |



| Metals             |  |  | 05    | 05 |
|--------------------|--|--|-------|----|
| Metal Fabrications |  |  | 05 50 |    |
| Metal Gratings     |  |  | 05 53 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL DIRECT                                                      |      | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | UNIT                                                              | COST | UNIT COST  |
| 05 53 13 00-0012 | SF 1-1/2" x 1/4" Steel, Welded Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                        | 42.19<br>0.22<br>6.69<br>126.31<br>11.49<br>4.25<br>0.16<br>-2.89 |      | 1.42       |
| 05 53 13 00-0013 | SF 1-3/4" x 3/16" Steel, Welded Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                       | 37.24<br>0.22<br>5.85<br>110.42<br>10.04<br>3.72<br>0.16<br>-2.76 |      | 1.42       |
| 05 53 13 00-0014 | SF 2" x 3/16" Steel, Welded Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                           | 41.65<br>0.22<br>6.60<br>124.58<br>11.33<br>4.19<br>0.16<br>-2.87 |      | 1.42       |
| 05 53 13 00-0015 | SF 2-1/4" x 3/16" Steel, Welded Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                       | 46.33<br>0.22<br>7.39<br>139.60<br>12.70<br>4.70<br>0.16<br>-2.99 |      | 1.42       |
| 05 53 13 00-0016 | SF 2-1/2" x 3/16" Steel, Welded Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                       | 50.74<br>0.22<br>8.14<br>153.76<br>13.99<br>5.17<br>0.16<br>-3.10 |      | 1.42       |
| 05 53 13 00-0017 | Pressure Locked Grating (05 53 13)<br>Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit. |                                                                   |      |            |
| 05 53 13 00-0018 | Steel, Pressure Locked Grating (05 53 13 00-0017)<br>Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |      |            |
| 05 53 13 00-0019 | SF 3/4" x 1/8" Steel, Pressure Locked Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                                                          | 25.86<br>0.22<br>3.86<br>44.06<br>6.88<br>2.54<br>-2.14           |      | 1.16       |
| 05 53 13 00-0020 | SF 3/4" x 3/16" Steel, Pressure Locked Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                                                         | 31.87<br>0.22<br>4.85<br>55.31<br>8.63<br>3.19<br>-2.29           |      | 1.16       |
| 05 53 13 00-0021 | SF 1" x 1/8" Steel, Pressure Locked Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center<br>For Bearing Bars At 15/16" On-Center, Add .....<br>For Crossbars At 2" On-Center, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....                                                                                                                                                                                                                                    | 28.43<br>0.22<br>4.28<br>48.87<br>7.63<br>2.82<br>0.16<br>-2.20   |      | 1.16       |

**05 Metals****05 50 Metal Fabrications****05 53 Metal Gratings**

| MINOR            | CSI | UOM | DESCRIPTION                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------|---------------------------|-------------------------|
| 05 53 13 00-0022 | SF  |     | 1" x 3/16" Steel, Pressure Locked Grating.....                        | 38.75                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 5.98                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 68.18                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 7/16" On-Center, Add                              | 52.84                     |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 10.64                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 3.94                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.46                     |                         |
| 05 53 13 00-0023 | SF  |     | 1-1/4" x 1/8" Steel, Pressure Locked Grating.....                     | 31.87                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 4.85                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 55.31                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 8.63                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 3.19                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.29                     |                         |
| 05 53 13 00-0024 | SF  |     | 1-1/4" x 3/16" Steel, Pressure Locked Grating.....                    | 43.53                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 6.76                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 77.12                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 12.04                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 4.45                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.58                     |                         |
| 05 53 13 00-0025 | SF  |     | 1-1/2" x 1/8" Steel, Pressure Locked Grating.....                     | 35.48                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 5.44                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 62.06                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 9.69                      |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 3.58                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -2.38                     |                         |
| 05 53 13 00-0026 | SF  |     | 1-1/2" x 3/16" Steel, Pressure Locked Grating.....                    | 49.07                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 7.58                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 86.50                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 7/16" On-Center, Add                              | 67.03                     |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 13.50                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 4.99                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -3.06                     |                         |
| 05 53 13 00-0027 | SF  |     | 1-3/4" x 3/16" Steel, Pressure Locked Grating.....                    | 54.11                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 8.41                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 95.93                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 14.97                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 5.54                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -3.18                     |                         |
| 05 53 13 00-0028 | SF  |     | 2" x 3/16" Steel, Pressure Locked Grating.....                        | 58.22                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 9.08                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 103.62                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 16.17                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 5.98                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -3.29                     |                         |
| 05 53 13 00-0029 | SF  |     | 2-1/4" x 3/16" Steel, Pressure Locked Grating.....                    | 62.16                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 9.73                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 110.99                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 17.32                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 6.41                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -3.39                     |                         |
| 05 53 13 00-0030 | SF  |     | 2-1/2" x 3/16" Steel, Pressure Locked Grating.....                    | 65.57                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                             | 10.29                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                          | 117.37                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                             | 18.32                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                    | 6.77                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                        | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct              | -3.47                     |                         |

05 53 13 00-0031

Aluminum, Type 6063, Pressure Locked Grating (05 53 13 00-0017)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.



|  |  |                    |           |           |
|--|--|--------------------|-----------|-----------|
|  |  | <b>Metals</b>      | <b>05</b> | <b>05</b> |
|  |  | Metal Fabrications | 05 50     |           |
|  |  | Metal Gratings     | 05 53     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST                                | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------|
| 05 53 13 00-0032 | SF  |     | 3/4" x 1/8" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                                                                   | 17.01<br>4.29<br>1.59<br>-1.92<br>2.21                   | 1.16                    |
| 05 53 13 00-0033 | SF  |     | 3/4" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                                                                  | 23.04<br>6.05<br>2.24<br>-2.07<br>3.11                   | 1.16                    |
| 05 53 13 00-0034 | SF  |     | 1" x 1/8" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                            | 21.74<br>5.67<br>2.10<br>0.16<br>-2.03<br>2.91           | 1.16                    |
| 05 53 13 00-0035 | SF  |     | 1" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 7/16" On-Center, Add</i><br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                        | 29.53<br>39.47<br>7.95<br>2.94<br>0.16<br>-2.23<br>4.08  | 1.16                    |
| 05 53 13 00-0036 | SF  |     | 1-1/4" x 1/8" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                        | 25.17<br>6.68<br>2.47<br>0.16<br>-2.12<br>3.43           | 1.16                    |
| 05 53 13 00-0037 | SF  |     | 1-1/4" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                       | 33.66<br>9.15<br>3.39<br>0.16<br>-2.33<br>4.70           | 1.16                    |
| 05 53 13 00-0038 | SF  |     | 1-1/2" x 1/8" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                        | 28.39<br>7.62<br>2.82<br>0.16<br>-2.20<br>3.91           | 1.16                    |
| 05 53 13 00-0039 | SF  |     | 1-1/2" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 7/16" On-Center, Add</i><br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                    | 37.92<br>51.63<br>10.40<br>3.85<br>0.16<br>-2.44<br>5.34 | 1.16                    |
| 05 53 13 00-0040 | SF  |     | 1-3/4" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                       | 42.00<br>11.59<br>4.29<br>0.16<br>-2.54<br>5.95          | 1.16                    |
| 05 53 13 00-0041 | SF  |     | 2" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                           | 46.83<br>13.00<br>4.81<br>0.16<br>-2.66<br>6.68          | 1.16                    |
| 05 53 13 00-0042 | SF  |     | 2-1/4" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                       | 50.62<br>14.11<br>5.22<br>0.16<br>-2.76<br>7.25          | 1.16                    |
| 05 53 13 00-0043 | SF  |     | 2-1/2" x 3/16" Aluminum, Pressure Locked Grating.....<br><i>For Bearing Bars At 15/16" On-Center, Add</i><br><i>For Crossbars At 2" On-Center, Add</i><br><i>For Serrated Wear Surface, Add</i><br><i>For Set In Place Without Bolting, Deduct</i><br><i>For Powder Coating, Add</i>                                                                                                                                                       | 55.14<br>15.43<br>5.71<br>0.16<br>-2.87<br>7.92          | 1.16                    |
| 05 53 13 00-0044 |     |     | <b>Swage Locked Grating</b> (05 53 13)<br>Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place. |                                                          |                         |
| 05 53 13 00-0045 |     |     | <b>Steel, Swage Locked Grating</b> (05 53 13 00-0044)<br>Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.                                                                                                                                                                                                                                                     |                                                          |                         |

**05 Metals****05 50 Metal Fabrications****05 53 Metal Gratings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 53 13 00-0046 | SF  |     | 1" x 3/16" Steel, Swaged Grating.....                                                                  | 42.43                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 3.69                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 66.52                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 25.68                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 3.21                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -2.55                     |                         |
| 05 53 13 00-0047 | SF  |     | 1-1/4" x 3/16" Steel, Swaged Grating.....                                                              | 47.37                     | 1.16                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 4.15                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 74.71                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 28.84                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 3.60                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -2.67                     |                         |
| 05 53 13 00-0048 | SF  |     | 1-1/2" x 3/16" Steel, Swaged Grating.....                                                              | 51.77                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 4.50                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 81.13                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 31.32                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 3.91                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -3.13                     |                         |
| 05 53 13 00-0049 | SF  |     | 1-3/4" x 3/16" Steel, Swaged Grating.....                                                              | 59.36                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 5.20                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 93.71                     |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 36.17                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 4.52                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -3.32                     |                         |
| 05 53 13 00-0050 | SF  |     | 2" x 3/16" Steel, Swaged Grating.....                                                                  | 66.97                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 5.90                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 106.33                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 41.04                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 5.13                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -3.51                     |                         |
| 05 53 13 00-0051 | SF  |     | 2-1/4" x 3/16" Steel, Swaged Grating.....                                                              | 74.56                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 6.60                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 118.91                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 45.90                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 5.74                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -3.70                     |                         |
| 05 53 13 00-0052 | SF  |     | 2-1/2" x 3/16" Steel, Swaged Grating.....                                                              | 82.17                     | 1.42                    |
|                  |     |     | For One Coat Of Shop Applied Paint (Red Or Black), Add                                                 | 0.22                      |                         |
|                  |     |     | For Galvanized Steel, Add                                                                              | 7.30                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                           | 131.53                    |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center                                  |                           |                         |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 50.77                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 6.35                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting Or Tack Welding, Deduct                                               | -3.89                     |                         |
| 05 53 13 00-0053 |     |     | <b>Aluminum Grating, Type 6063, Swage Locked</b> (05 53 13 00-0044)                                    |                           |                         |
|                  |     |     | Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes. |                           |                         |
| 05 53 13 00-0054 | SF  |     | 1" x 1/8" Aluminum, Swaged Grating.....                                                                | 20.08                     | 1.16                    |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 11.37                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 1.42                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting, Deduct                                                               | -1.99                     |                         |
|                  |     |     | For Powder Coating, Add                                                                                | 2.67                      |                         |
| 05 53 13 00-0055 | SF  |     | 1" x 3/16" Aluminum, Swaged Grating.....                                                               | 26.03                     | 1.16                    |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 15.18                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 1.90                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting, Deduct                                                               | -2.14                     |                         |
|                  |     |     | For Powder Coating, Add                                                                                | 3.56                      |                         |
| 05 53 13 00-0056 | SF  |     | 1-1/4" x 1/8" Aluminum, Swaged Grating.....                                                            | 22.75                     | 1.16                    |
|                  |     |     | For Bearing Bars At 15/16" On-Center, Add                                                              | 13.08                     |                         |
|                  |     |     | For Crossbars At 2" On-Center, Add                                                                     | 1.64                      |                         |
|                  |     |     | For Serrated Wear Surface, Add                                                                         | 0.16                      |                         |
|                  |     |     | For Set In Place Without Bolting, Deduct                                                               | -2.06                     |                         |
|                  |     |     | For Powder Coating, Add                                                                                | 3.07                      |                         |





|                    |  |  |       |    |
|--------------------|--|--|-------|----|
| Metals             |  |  | 05    | 05 |
| Metal Fabrications |  |  | 05 50 |    |
| Metal Gratings     |  |  | 05 53 |    |

| MINOR            |     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                       | TOTAL DIRECT                                              | DEMOLITION |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|
| CSI              | UOM |                                                                                                                                                                                                                                                                                                                                                                                                                   | UNIT COST                                                 | UNIT COST  |
| 05 53 13 00-0057 | SF  | 1-1/4" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                          | 30.03<br>17.74<br>2.22<br>0.16<br>-2.24<br>4.16           | 1.16       |
| 05 53 13 00-0058 | SF  | 1-1/2" x 1/8" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                           | 25.92<br>15.11<br>1.69<br>0.16<br>-2.14<br>3.54           | 1.16       |
| 05 53 13 00-0059 | SF  | 1-1/2" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                          | 34.31<br>20.48<br>2.56<br>0.16<br>-2.35<br>4.80           | 1.16       |
| 05 53 13 00-0060 | SF  | 1-3/4" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                          | 39.25<br>23.64<br>2.96<br>0.16<br>-2.47<br>5.54           | 1.16       |
| 05 53 13 00-0061 | SF  | 2" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                              | 44.16<br>26.78<br>3.35<br>0.16<br>-2.59<br>6.28           | 1.16       |
| 05 53 13 00-0062 | SF  | 2-1/4" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                          | 49.09<br>29.94<br>3.74<br>0.16<br>-2.72<br>7.02           | 1.16       |
| 05 53 13 00-0063 | SF  | 2-1/2" x 3/16" Aluminum, Swaged Grating.....<br>For Bearing Bars At 15/16" On-Center, Add<br>For Crossbars At 2" On-Center, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting, Deduct<br>For Powder Coating, Add                                                                                                                                                                          | 54.00<br>33.08<br>4.14<br>0.16<br>-2.84<br>7.75           | 1.16       |
| 05 53 13 00-0064 |     | <b>Riveted Grating</b> (05 53 13)<br>Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together. |                                                           |            |
| 05 53 13 00-0065 |     | <b>Steel, Riveted Grating</b> (05 53 13 00-0064)<br>Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.                                                                                                                                                                                                                                                                           |                                                           |            |
| 05 53 13 00-0066 | SF  | 3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add<br>For Galvanized Steel, Add<br>For 304 Stainless Steel, Add<br>For 5/8" Clear Opening, Add<br>For Set In Place Without Bolting Or Tack Welding, Deduct                                                                                                                                             | 80.77<br>0.22<br>3.77<br>67.40<br>27.07<br>-3.51          | 1.16       |
| 05 53 13 00-0067 | SF  | 3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add<br>For Galvanized Steel, Add<br>For 304 Stainless Steel, Add<br>For 5/8" Clear Opening, Add<br>For Set In Place Without Bolting Or Tack Welding, Deduct                                                                                                                                            | 95.14<br>0.22<br>4.46<br>79.74<br>32.03<br>-3.87          | 1.16       |
| 05 53 13 00-0068 | SF  | 1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add<br>For Galvanized Steel, Add<br>For 304 Stainless Steel, Add<br>For 5/8" Clear Opening, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting Or Tack Welding, Deduct                                                                                                             | 87.39<br>0.22<br>4.08<br>73.08<br>29.35<br>0.16<br>-3.67  | 1.16       |
| 05 53 13 00-0069 | SF  | 1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add<br>For Galvanized Steel, Add<br>For 304 Stainless Steel, Add<br>For 5/8" Clear Opening, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting Or Tack Welding, Deduct                                                                                                            | 100.61<br>0.22<br>4.72<br>84.44<br>33.91<br>0.16<br>-4.01 | 1.16       |
| 05 53 13 00-0070 | SF  | 1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add<br>For Galvanized Steel, Add<br>For 304 Stainless Steel, Add<br>For 5/8" Clear Opening, Add<br>For Serrated Wear Surface, Add<br>For Set In Place Without Bolting Or Tack Welding, Deduct                                                                                                         | 92.86<br>0.22<br>4.35<br>77.78<br>31.24<br>0.16<br>-3.81  | 1.16       |

**05 Metals****05 50 Metal Fabrications****05 53 Metal Gratings**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST                                  | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------|
| 05 53 13 00-0071 SF 1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct ..... | 110.80<br>0.22<br>5.21<br>93.19<br>37.43<br>0.16<br>-4.26  | 1.16                    |
| 05 53 13 00-0072 SF 1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....  | 98.67<br>0.22<br>4.60<br>82.32<br>33.06<br>0.16<br>-4.30   | 1.42                    |
| 05 53 13 00-0073 SF 1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct ..... | 117.85<br>0.22<br>5.52<br>98.79<br>39.68<br>0.16<br>-4.78  | 1.42                    |
| 05 53 13 00-0074 SF 1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct ..... | 127.63<br>0.22<br>5.99<br>107.19<br>43.05<br>0.16<br>-5.02 | 1.42                    |
| 05 53 13 00-0075 SF 2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct .....     | 149.48<br>0.22<br>7.04<br>125.96<br>50.59<br>0.16<br>-5.57 | 1.42                    |
| 05 53 13 00-0076 SF 2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct ..... | 157.09<br>0.22<br>7.40<br>132.50<br>53.22<br>0.16<br>-5.76 | 1.42                    |
| 05 53 13 00-0077 SF 2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating .....<br>For One Coat Of Shop Applied Paint (Red Or Black), Add .....<br>For Galvanized Steel, Add .....<br>For 304 Stainless Steel, Add .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Set In Place Without Bolting Or Tack Welding, Deduct ..... | 163.87<br>0.22<br>7.73<br>138.32<br>55.56<br>0.16<br>-5.93 | 1.42                    |
| <b>05 53 13 00-0078 Aluminum, Riveted Grating</b> (05 53 13 00-0064)<br>Note: 1" clear opening, bolted in place and in all sizes.                                                                                                                                                                                                                                    |                                                            |                         |
| 05 53 13 00-0079 SF 3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                                                                  | 42.88<br>14.00<br>6.09<br>-2.56                            | 1.16                    |
| 05 53 13 00-0080 SF 3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                                                                 | 50.91<br>16.77<br>7.29<br>-2.76                            | 1.16                    |
| 05 53 13 00-0081 SF 1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                            | 47.17<br>15.48<br>0.16<br>6.73<br>-2.67                    | 1.16                    |
| 05 53 13 00-0082 SF 1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                           | 55.01<br>18.18<br>0.16<br>7.91<br>-2.87                    | 1.16                    |
| 05 53 13 00-0083 SF 1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                        | 52.91<br>17.46<br>0.16<br>7.59<br>-2.81                    | 1.16                    |
| 05 53 13 00-0084 SF 1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                       | 63.79<br>21.21<br>0.16<br>9.22<br>-3.08                    | 1.16                    |
| 05 53 13 00-0085 SF 1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating .....<br>For 5/8" Clear Opening, Add .....<br>For Serrated Wear Surface, Add .....<br>For Powder Coating, Add .....<br>For Set In Place Without Bolting, Deduct .....                                                                                                                        | 56.83<br>18.81<br>0.16<br>8.18<br>-2.91                    | 1.16                    |



| Metals             |  |  | 05    |
|--------------------|--|--|-------|
| Metal Fabrications |  |  | 05 50 |
| Metal Gratings     |  |  | 05 53 |

| MINOR            | CSI | UOM | DESCRIPTION                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------|------------------------|----------------------|
| 05 53 13 00-0086 | SF  |     | 1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating..... | 70.65                  | 1.16                 |
|                  |     |     | For 5/8" Clear Opening, Add                               | 23.58                  |                      |
|                  |     |     | For Serrated Wear Surface, Add                            | 0.16                   |                      |
|                  |     |     | For Powder Coating, Add                                   | 10.25                  |                      |
|                  |     |     | For Set In Place Without Bolting, Deduct                  | -3.26                  |                      |
| 05 53 13 00-0087 | SF  |     | 1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating..... | 77.90                  | 1.16                 |
|                  |     |     | For 5/8" Clear Opening, Add                               | 26.08                  |                      |
|                  |     |     | For Serrated Wear Surface, Add                            | 0.16                   |                      |
|                  |     |     | For Powder Coating, Add                                   | 11.34                  |                      |
|                  |     |     | For Set In Place Without Bolting, Deduct                  | -3.44                  |                      |
| 05 53 13 00-0088 | SF  |     | 2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....     | 92.78                  | 1.16                 |
|                  |     |     | For 5/8" Clear Opening, Add                               | 31.21                  |                      |
|                  |     |     | For Serrated Wear Surface, Add                            | 0.16                   |                      |
|                  |     |     | For Powder Coating, Add                                   | 13.57                  |                      |
|                  |     |     | For Set In Place Without Bolting, Deduct                  | -3.61                  |                      |
| 05 53 13 00-0089 | SF  |     | 2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating..... | 101.23                 | 1.16                 |
|                  |     |     | For 5/8" Clear Opening, Add                               | 34.13                  |                      |
|                  |     |     | For Serrated Wear Surface, Add                            | 0.16                   |                      |
|                  |     |     | For Powder Coating, Add                                   | 14.84                  |                      |
|                  |     |     | For Set In Place Without Bolting, Deduct                  | -4.02                  |                      |
| 05 53 13 00-0090 | SF  |     | 2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating..... | 112.55                 | 1.16                 |
|                  |     |     | For 5/8" Clear Opening, Add                               | 38.03                  |                      |
|                  |     |     | For Serrated Wear Surface, Add                            | 0.16                   |                      |
|                  |     |     | For Powder Coating, Add                                   | 16.54                  |                      |
|                  |     |     | For Set In Place Without Bolting, Deduct                  | -4.30                  |                      |

#### 05 53 16 Plank Gratings (05 53)

##### 05 53 16 00-0001 Grate-Lock Steel Plank Grating (05 53 16)

Note: Smooth or traction grip surface.

|                  |    |  |                                                             |       |      |
|------------------|----|--|-------------------------------------------------------------|-------|------|
| 05 53 16 00-0002 | SF |  | 1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating..... | 17.67 | 0.89 |
|                  |    |  | For Stair Tread Application, Add                            | 2.04  |      |
| 05 53 16 00-0003 | SF |  | 2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating..... | 18.85 | 1.10 |
|                  |    |  | For Stair Tread Application, Add                            | 2.22  |      |
| 05 53 16 00-0004 | SF |  | 3" Height, 18 Gauge Steel Grate-Lock Plank Grating.....     | 19.87 | 1.21 |
|                  |    |  | For Stair Tread Application, Add                            | 2.35  |      |
| 05 53 16 00-0005 | SF |  | 4" Height, 18 Gauge Steel Grate-Lock Plank Grating.....     | 21.70 | 1.32 |
|                  |    |  | For Stair Tread Application, Add                            | 2.56  |      |
| 05 53 16 00-0006 | SF |  | 1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating..... | 21.52 | 1.00 |
|                  |    |  | For Stair Tread Application, Add                            | 2.45  |      |
| 05 53 16 00-0007 | SF |  | 2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating..... | 22.89 | 1.21 |
|                  |    |  | For Stair Tread Application, Add                            | 2.65  |      |
| 05 53 16 00-0008 | SF |  | 1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating..... | 26.42 | 1.16 |
|                  |    |  | For Stair Tread Application, Add                            | 2.99  |      |
| 05 53 16 00-0009 | SF |  | 2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating..... | 28.12 | 1.42 |
|                  |    |  | For Stair Tread Application, Add                            | 3.24  |      |
| 05 53 16 00-0010 | SF |  | 3" Height, 14 Gauge Steel Grate-Lock Plank Grating.....     | 30.08 | 1.79 |
|                  |    |  | For Stair Tread Application, Add                            | 3.55  |      |
| 05 53 16 00-0011 | SF |  | 4" Height, 14 Gauge Steel Grate-Lock Plank Grating.....     | 33.20 | 2.00 |
|                  |    |  | For Stair Tread Application, Add                            | 3.92  |      |

#### 05 54 Metal Floor Plates (05 50)

##### 05 54 00 00-0001 Steel Floor Plates (05 54)

|                  |    |  |                                                            |       |      |
|------------------|----|--|------------------------------------------------------------|-------|------|
| 05 54 00 00-0002 | SF |  | 16 Gauge Steel Raised Or Diamond Pattern Floor Plates..... | 22.44 | 1.37 |
| 05 54 00 00-0003 | SF |  | 14 Gauge Steel Raised Or Diamond Pattern Floor Plates..... | 25.78 | 1.37 |
| 05 54 00 00-0004 | SF |  | 12 Gauge Steel Raised Or Diamond Pattern Floor Plates..... | 32.51 | 1.37 |
| 05 54 00 00-0005 | SF |  | 1/8" Steel Raised Or Diamond Pattern Floor Plates.....     | 43.62 | 1.47 |
| 05 54 00 00-0006 | SF |  | 1/4" Steel Raised Or Diamond Pattern Floor Plates.....     | 55.68 | 1.57 |

##### 05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)

|                  |    |  |                                                                  |       |      |
|------------------|----|--|------------------------------------------------------------------|-------|------|
| 05 54 00 00-0008 | SF |  | 0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate..... | 30.08 | 1.16 |
|                  |    |  | For Powder Coating, Add                                          | 4.17  |      |
| 05 54 00 00-0009 | SF |  | 0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate..... | 34.52 | 1.37 |
|                  |    |  | For Powder Coating, Add                                          | 4.78  |      |
| 05 54 00 00-0010 | SF |  | 0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....  | 38.97 | 1.47 |
|                  |    |  | For Powder Coating, Add                                          | 5.40  |      |

##### 05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)

|                  |    |  |                                                                           |       |      |
|------------------|----|--|---------------------------------------------------------------------------|-------|------|
| 05 54 00 00-0012 | SF |  | 1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....  | 39.10 | 1.57 |
| 05 54 00 00-0013 | SF |  | 3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate..... | 46.76 | 1.79 |
| 05 54 00 00-0014 | SF |  | 1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....  | 60.61 | 2.11 |

#### 05 55 Metal Stair Treads and Nosings (05 50)

##### 05 55 13 Metal Stair Treads (05 55)

##### 05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads (05 55 13)

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

**05 Metals****05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**

| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 55 13 00-0002        | LF  | 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....<br><i>For 3/8" Thick, Add</i>                                                                                                                                            | 70.89<br>15.34            | 5.97                    |
| 05 55 13 00-0003        | LF  | 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....<br><i>For 3/8" Thick, Add</i>                                                                                                                                            | 78.27<br>17.18            | 5.97                    |
| 05 55 13 00-0004        | LF  | 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....<br><i>For 3/8" Thick, Add</i>                                                                                                                                           | 85.63<br>19.02            | 5.97                    |
| 05 55 13 00-0005        | LF  | 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....<br><i>For 3/8" Thick, Add</i>                                                                                                                                           | 93.04<br>20.87            | 5.97                    |
| 05 55 13 00-0006        | LF  | 12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....<br><i>For 3/8" Thick, Add</i>                                                                                                                                           | 100.38<br>22.71           | 5.97                    |
| <b>05 55 13 00-0007</b> |     | <b>Abrasive Cast Iron Stair Treads</b> <small>(05 55 13)</small><br>Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.                                                                                               |                           |                         |
| 05 55 13 00-0008        | LF  | 8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....                                                                                                                                                                               | 99.52                     | 5.97                    |
| 05 55 13 00-0009        | LF  | 9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....                                                                                                                                                                               | 110.46                    | 5.97                    |
| 05 55 13 00-0010        | LF  | 10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....                                                                                                                                                                              | 121.42                    | 5.97                    |
| 05 55 13 00-0011        | LF  | 11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....                                                                                                                                                                              | 132.35                    | 5.97                    |
| 05 55 13 00-0012        | LF  | 12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....                                                                                                                                                                              | 143.31                    | 5.97                    |
| <b>05 55 13 00-0013</b> |     | <b>Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads</b> <small>(05 55 13)</small><br>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.     |                           |                         |
| 05 55 13 00-0014        | LF  | 6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....                                                                                                                                  | 36.36                     | 5.97                    |
| 05 55 13 00-0015        | LF  | 9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....                                                                                                                                      | 43.05                     | 5.97                    |
| 05 55 13 00-0016        | LF  | 11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....                                                                                                                                     | 46.00                     | 5.97                    |
| <b>05 55 13 00-0017</b> |     | <b>Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads</b> <small>(05 55 13)</small><br>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers. |                           |                         |
| 05 55 13 00-0018        | LF  | 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread .....                                                                                                                                   | 54.82                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
|                         |     | <i>For Two Color Tread, Add</i>                                                                                                                                                                                                                    | 3.48                      |                         |
| 05 55 13 00-0019        | LF  | 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread .....                                                                                                                                   | 55.38                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
|                         |     | <i>For Two Color Tread, Add</i>                                                                                                                                                                                                                    | 3.48                      |                         |
| 05 55 13 00-0020        | LF  | 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread .....                                                                                                                                  | 67.41                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
|                         |     | <i>For Two Color Tread, Add</i>                                                                                                                                                                                                                    | 3.48                      |                         |
| 05 55 13 00-0021        | LF  | 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread .....                                                                                                                                  | 77.95                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
|                         |     | <i>For Two Color Tread, Add</i>                                                                                                                                                                                                                    | 3.48                      |                         |
| 05 55 13 00-0022        | LF  | 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread .....                                                                                                                                  | 91.69                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
|                         |     | <i>For Two Color Tread, Add</i>                                                                                                                                                                                                                    | 3.48                      |                         |
| <b>05 55 13 00-0023</b> |     | <b>Stair Landing Treads</b> <small>(05 55 13)</small>                                                                                                                                                                                              |                           |                         |
| <b>05 55 13 00-0024</b> |     | <b>Abrasive Cast Aluminum Stair Landing Treads</b> <small>(05 55 13 00-0023)</small><br>Note: Includes abrasive diamond pattern surface and anchors.                                                                                               |                           |                         |
| 05 55 13 00-0025        | SF  | 5/16" Thick, Abrasive Cast Aluminum Landing Treads .....                                                                                                                                                                                           | 100.38                    | 5.97                    |
|                         |     | <i>For 3/8" Thick, Add</i>                                                                                                                                                                                                                         | 22.71                     |                         |
| <b>05 55 13 00-0026</b> |     | <b>Abrasive Cast Iron Stair Landing Treads</b> <small>(05 55 13 00-0023)</small><br>Note: Includes abrasive diamond pattern surface and anchors.                                                                                                   |                           |                         |
| 05 55 13 00-0027        | SF  | 3/8" Thick, Abrasive Cast Iron Landing Treads .....                                                                                                                                                                                                | 143.31                    | 5.97                    |
| <b>05 55 13 00-0028</b> |     | <b>Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads</b> <small>(05 55 13 00-0023)</small><br>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.     |                           |                         |
| 05 55 13 00-0029        | SF  | 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads .....                                                                                                                                                | 92.90                     | 5.97                    |
|                         |     | <i>For Epoxy Sealed For Corrosive Environment, Add</i>                                                                                                                                                                                             | 4.64                      |                         |
| <b>05 55 13 00-0030</b> |     | <b>Open Cast Iron Stair Tread</b> <small>(05 55 13)</small><br>Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.                                                                                               |                           |                         |
| 05 55 13 00-0031        | RSR | 3'-6" Wide, Open Cast Iron Stair Tread .....                                                                                                                                                                                                       | 789.01                    | 42.08                   |
|                         |     | <i>For Closed Riser, Add</i>                                                                                                                                                                                                                       | 67.75                     |                         |
| 05 55 13 00-0032        | RSR | 4'-0" Wide, Open Cast Iron Stair Tread .....                                                                                                                                                                                                       | 882.39                    | 48.39                   |
|                         |     | <i>For Closed Riser, Add</i>                                                                                                                                                                                                                       | 75.61                     |                         |
| 05 55 13 00-0033        | RSR | 5'-0" Wide, Open Cast Iron Stair Tread .....                                                                                                                                                                                                       | 970.65                    | 56.81                   |
|                         |     | <i>For Closed Riser, Add</i>                                                                                                                                                                                                                       | 83.08                     |                         |
| <b>05 55 16</b>         |     | <b>Metal Stair Nosings</b> <small>(05 55)</small>                                                                                                                                                                                                  |                           |                         |



|  |                                       |              |           |
|--|---------------------------------------|--------------|-----------|
|  | <b>Metals</b>                         | <b>05</b>    | <b>05</b> |
|  | <b>Metal Fabrications</b>             | <b>05 50</b> |           |
|  | <b>Metal Stair Treads and Nosings</b> | <b>05 55</b> |           |

| MINOR                                                                                                              |                                                                                                          | TOTAL DIRECT |  | DEMOLITION |  |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI UOM DESCRIPTION                                                                                                |                                                                                                          | UNIT COST    |  | UNIT COST  |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 55 16 00-0001     Abrasive Cast Aluminum Nosings (05 55 16)                                                     |                                                                                                          |              |  |            |  |
| Note: Includes abrasive diamond pattern surface and anchors.                                                       |                                                                                                          |              |  |            |  |
| 05 55 16 00-0002                                                                                                   | LF    3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....                                | 29.35        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 5.71         |  |            |  |
| 05 55 16 00-0003                                                                                                   | LF    4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....                                | 36.48        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 7.49         |  |            |  |
| 05 55 16 00-0004                                                                                                   | LF    6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....                                | 52.37        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 11.47        |  |            |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 55 16 00-0005     Abrasive Cast Iron Nosings (05 55 16)                                                         |                                                                                                          |              |  |            |  |
| Note: Includes abrasive diamond pattern surface and anchors.                                                       |                                                                                                          |              |  |            |  |
| 05 55 16 00-0006                                                                                                   | LF    3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....                                    | 34.56        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 7.01         |  |            |  |
| 05 55 16 00-0007                                                                                                   | LF    4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....                                    | 43.33        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 9.21         |  |            |  |
| 05 55 16 00-0008                                                                                                   | LF    6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....                                    | 60.68        |  | 4.07       |  |
|                                                                                                                    | For 3/8" Thick, Add                                                                                      | 13.54        |  |            |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 55 16 00-0009     Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings (05 55 16)                           |                                                                                                          |              |  |            |  |
| Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.  |                                                                                                          |              |  |            |  |
| 05 55 16 00-0010                                                                                                   | LF    1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....   | 24.52        |  | 4.07       |  |
| 05 55 16 00-0011                                                                                                   | LF    3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....       | 27.96        |  | 4.07       |  |
| 05 55 16 00-0012                                                                                                   | LF    4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....       | 30.58        |  | 4.07       |  |
| 05 55 16 00-0013                                                                                                   | LF    6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....       | 38.74        |  | 4.07       |  |
| 05 55 16 00-0014                                                                                                   | LF    1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing..... | 25.45        |  | 4.07       |  |
| 05 55 16 00-0015                                                                                                   | LF    3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....     | 28.38        |  | 4.07       |  |
| 05 55 16 00-0016                                                                                                   | LF    4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....     | 31.28        |  | 4.07       |  |
| 05 55 16 00-0017                                                                                                   | LF    3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....     | 29.52        |  | 4.07       |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 56     Metal Castings (05 50)                                                                                   |                                                                                                          |              |  |            |  |
| 05 56 00 00-0001     Castings (05 56)                                                                              |                                                                                                          |              |  |            |  |
| 05 56 00 00-0002                                                                                                   | LB    Up To 150 LB, Miscellaneous Castings, Light Section.....                                           | 6.12         |  | 0.52       |  |
| 05 56 00 00-0003                                                                                                   | LB    >150 LB, Miscellaneous Castings, Heavy Section.....                                                | 10.69        |  | 0.42       |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 58     Formed Metal Fabrications (05 50)                                                                        |                                                                                                          |              |  |            |  |
| 05 58 13     Column Covers (05 58)                                                                                 |                                                                                                          |              |  |            |  |
| 05 58 13 00-0001     Architectural Column Cover, Aluminum (05 58 13)                                               |                                                                                                          |              |  |            |  |
| Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500). |                                                                                                          |              |  |            |  |
| 05 58 13 00-0002                                                                                                   | LF    10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 138.74       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0003                                                                                                   | LF    12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 163.49       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0004                                                                                                   | LF    14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 195.74       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0005                                                                                                   | LF    16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 220.49       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0006                                                                                                   | LF    18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 248.23       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0007                                                                                                   | LF    20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 275.68       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0008                                                                                                   | LF    24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 328.56       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0009                                                                                                   | LF    30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 407.62       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0010                                                                                                   | LF    36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 444.70       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0011                                                                                                   | LF    42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 481.78       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0012                                                                                                   | LF    48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 544.14       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
| 05 58 13 00-0013                                                                                                   | LF    54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....          | 636.58       |  |            |  |
|                                                                                                                    | Note: Includes column base and top collar.                                                               |              |  |            |  |
|                                                                                                                    |                                                                                                          |              |  |            |  |
| 05 58 13 00-0014     Monolithic Column Cover, Aluminum (05 58 13)                                                  |                                                                                                          |              |  |            |  |
| Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).                                 |                                                                                                          |              |  |            |  |
| 05 58 13 00-0015                                                                                                   | LF    7" Diameter Monolithic Column Cover, Aluminum, Factory.....                                        | 52.22        |  |            |  |
| 05 58 13 00-0016                                                                                                   | LF    8" Diameter Monolithic Column Cover, Aluminum, Factory.....                                        | 59.37        |  |            |  |
| 05 58 13 00-0017                                                                                                   | LF    9" Diameter Monolithic Column Cover, Aluminum, Factory.....                                        | 66.38        |  |            |  |
| 05 58 13 00-0018                                                                                                   | LF    10" Diameter Monolithic Column Cover, Aluminum, Factory.....                                       | 73.63        |  |            |  |
| 05 58 13 00-0019                                                                                                   | LF    12" Diameter Monolithic Column Cover, Aluminum, Factory Primed.....                                | 87.58        |  |            |  |
|                                                                                                                    | Note: Including Column Base And Top Collar                                                               |              |  |            |  |

**05 Metals****05 50 Metal Fabrications****05 58 Formed Metal Fabrications**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**05 58 16 Formed Metal Enclosures (05 58)**

|                  |                                    |        |      |
|------------------|------------------------------------|--------|------|
| 05 58 16 00-0001 | Drip Pan (05 58 16)                |        |      |
| 05 58 16 00-0002 | SF Stainless Steel Drip Pan .....  | 112.23 | 5.93 |
| 05 58 16 00-0003 | SF Galvanized Steel Drip Pan ..... | 110.84 | 5.93 |
| 05 58 16 00-0004 | SF Aluminum Drip Pan .....         | 77.62  | 4.74 |
| 05 58 16 00-0005 | SF Plastic Drip Pan .....          | 19.20  | 4.15 |

**05 58 23 Formed Metal Guards (05 58)**

|                  |                                                                                            |        |       |
|------------------|--------------------------------------------------------------------------------------------|--------|-------|
| 05 58 23 00-0001 | Protective Guard Rails (05 58 23)                                                          |        |       |
|                  | Note: Includes painted finish.                                                             |        |       |
| 05 58 23 00-0002 | 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001)                           |        |       |
|                  | Note: Steel King Armor Guard.                                                              |        |       |
| 05 58 23 00-0003 | Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002)                  |        |       |
|                  | Note: Excludes posts. Includes fasteners.                                                  |        |       |
| 05 58 23 00-0004 | EA 1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 204.67 | 19.53 |
| 05 58 23 00-0005 | EA 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 241.59 | 19.53 |
| 05 58 23 00-0006 | EA 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 276.42 | 19.53 |
| 05 58 23 00-0007 | EA 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 313.34 | 19.53 |
| 05 58 23 00-0008 | EA 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 348.36 | 19.53 |
| 05 58 23 00-0009 | EA 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 393.76 | 19.53 |
| 05 58 23 00-0010 | EA 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 424.69 | 19.53 |
| 05 58 23 00-0011 | EA 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 472.59 | 19.53 |
| 05 58 23 00-0012 | EA 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 504.02 | 19.53 |
| 05 58 23 00-0013 | EA 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail ..... | 526.47 | 19.53 |

|                  |                                                              |        |       |
|------------------|--------------------------------------------------------------|--------|-------|
| 05 58 23 00-0014 | Posts For 2-Rib Guard Rails (05 58 23 00-0002)               |        |       |
|                  | Note: Includes drilling, surface mounting plate and anchors. |        |       |
| 05 58 23 00-0015 | EA 12" Height, Single Rail Post For 2-Rib Guard Rails .....  | 408.66 | 40.69 |
| 05 58 23 00-0016 | EA 42" Height, Triple Rail Post For 2-Rib Guard Rails .....  | 536.88 | 40.69 |

|                  |                                                                                        |        |       |
|------------------|----------------------------------------------------------------------------------------|--------|-------|
| 05 58 23 00-0017 | 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001)                       |        |       |
|                  | Note: Steel King Steel Guard.                                                          |        |       |
| 05 58 23 00-0018 | Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)              |        |       |
|                  | Note: Excludes posts. Includes fasteners.                                              |        |       |
| 05 58 23 00-0019 | EA 1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 226.92 | 19.53 |
| 05 58 23 00-0020 | EA 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 251.47 | 19.53 |
| 05 58 23 00-0021 | EA 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 282.10 | 19.53 |
| 05 58 23 00-0022 | EA 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 310.74 | 19.53 |
| 05 58 23 00-0023 | EA 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 343.87 | 19.53 |
| 05 58 23 00-0024 | EA 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 359.83 | 19.53 |
| 05 58 23 00-0025 | EA 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 398.25 | 19.53 |
| 05 58 23 00-0026 | EA 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 430.68 | 19.53 |
| 05 58 23 00-0027 | EA 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 465.10 | 19.53 |
| 05 58 23 00-0028 | EA 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail ..... | 500.03 | 19.53 |

|                  |                                                                                         |        |       |
|------------------|-----------------------------------------------------------------------------------------|--------|-------|
| 05 58 23 00-0029 | Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)              |        |       |
|                  | Note: Excludes posts. Includes fasteners and lift-out mounting plate.                   |        |       |
| 05 58 23 00-0030 | EA 1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 337.38 | 19.53 |
| 05 58 23 00-0031 | EA 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 364.32 | 19.53 |
| 05 58 23 00-0032 | EA 3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 392.26 | 19.53 |
| 05 58 23 00-0033 | EA 4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 424.69 | 19.53 |
| 05 58 23 00-0034 | EA 5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 457.12 | 19.53 |
| 05 58 23 00-0035 | EA 6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 483.56 | 19.53 |
| 05 58 23 00-0036 | EA 7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 514.00 | 19.53 |
| 05 58 23 00-0037 | EA 8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 548.42 | 19.53 |
| 05 58 23 00-0038 | EA 9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....  | 585.34 | 19.53 |
| 05 58 23 00-0039 | EA 10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail ..... | 617.77 | 19.53 |

|                  |                                                              |        |       |
|------------------|--------------------------------------------------------------|--------|-------|
| 05 58 23 00-0040 | Posts For 3-Rib Guard Rails (05 58 23 00-0017)               |        |       |
|                  | Note: Includes drilling, surface mounting plate and anchors. |        |       |
| 05 58 23 00-0041 | EA 18" Height, Single Rail Post For 3-Rib Guard Rails .....  | 357.58 | 40.69 |
| 05 58 23 00-0042 | EA 42" Height, Double Rail Post For 3-Rib Guard Rails .....  | 461.55 | 40.69 |

|                  |                                                                                                                                    |  |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 05 58 23 00-0043 | All-Welded, Protective Guards (05 58 23)                                                                                           |  |  |
|                  | Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors. |  |  |

|                  |                                                                                           |        |       |
|------------------|-------------------------------------------------------------------------------------------|--------|-------|
| 05 58 23 00-0044 | All-Welded, Protective Guards (05 58 23 00-0043)                                          |        |       |
| 05 58 23 00-0045 | EA 36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....  | 466.22 | 54.25 |
| 05 58 23 00-0046 | EA 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....  | 491.16 | 54.25 |
| 05 58 23 00-0047 | EA 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard ..... | 505.63 | 54.25 |
| 05 58 23 00-0048 | EA 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard ..... | 527.08 | 54.25 |



| Metals                    |  |  | 05    | 05 |
|---------------------------|--|--|-------|----|
| Metal Fabrications        |  |  | 05 50 |    |
| Formed Metal Fabrications |  |  | 05 58 |    |

| MINOR<br>CSI UOM DESCRIPTION                                                                               |     |                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 58 23 00-0049                                                                                           | EA  | 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....               | 522.09                    | 54.25                   |
| 05 58 23 00-0050                                                                                           | EA  | 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....               | 548.54                    | 54.25                   |
| 05 58 23 00-0051                                                                                           | EA  | 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....               | 556.02                    | 54.25                   |
| 05 58 23 00-0052                                                                                           | EA  | 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....               | 564.50                    | 54.25                   |
| 05 58 23 00-0053                                                                                           | EA  | 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....               | 604.91                    | 54.25                   |
| <b>05 58 23 00-0054 Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)</b>                     |     |                                                                                                     |                           |                         |
| 05 58 23 00-0055                                                                                           | EA  | 24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard..... | 620.88                    | 54.25                   |
| 05 58 23 00-0056                                                                                           | EA  | 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard..... | 650.81                    | 54.25                   |
| 05 58 23 00-0057                                                                                           | EA  | 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard..... | 663.29                    | 54.25                   |
| 05 58 23 00-0058                                                                                           | EA  | 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard..... | 724.65                    | 54.25                   |
| <b>05 58 23 00-0059 Warehouse Safety Bollards (05 58 23)</b>                                               |     |                                                                                                     |                           |                         |
| Note: Includes painted finish, drilling, surface mounting plate and anchors.                               |     |                                                                                                     |                           |                         |
| 05 58 23 00-0060                                                                                           | EA  | 24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....                    | 301.57                    | 40.69                   |
| 05 58 23 00-0061                                                                                           | EA  | 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....                    | 350.86                    | 40.69                   |
| 05 58 23 00-0062                                                                                           | EA  | 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....                    | 403.05                    | 40.69                   |
| 05 58 23 00-0063                                                                                           | EA  | 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....                    | 417.32                    | 40.69                   |
| 05 58 23 00-0064                                                                                           | EA  | 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....                    | 450.25                    | 40.69                   |
| <b>05 59 Metal Specialties (05 50)</b>                                                                     |     |                                                                                                     |                           |                         |
| <b>05 59 65 Metal Chain (05 59)</b>                                                                        |     |                                                                                                     |                           |                         |
| <b>05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length (05 59 65)</b>                             |     |                                                                                                     |                           |                         |
| Note: Includes all connecting links, double clevis mid-links, slip or grab hooks, or shackles as required. |     |                                                                                                     |                           |                         |
| 05 59 65 00-0002                                                                                           | LF  | 3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                     | 7.00                      | 1.02                    |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 0.74                      |                         |
| 05 59 65 00-0003                                                                                           | LF  | 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 8.01                      | 1.35                    |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 0.80                      |                         |
| 05 59 65 00-0004                                                                                           | LF  | 3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 12.55                     | 2.71                    |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 1.07                      |                         |
| 05 59 65 00-0005                                                                                           | LF  | 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 20.11                     | 4.57                    |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 1.64                      |                         |
| 05 59 65 00-0006                                                                                           | LF  | 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 33.94                     | 7.72                    |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 2.78                      |                         |
| 05 59 65 00-0007                                                                                           | LF  | 3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 47.64                     | 10.83                   |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 3.90                      |                         |
| 05 59 65 00-0008                                                                                           | LF  | 7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                      | 65.16                     | 13.54                   |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 5.71                      |                         |
| 05 59 65 00-0009                                                                                           | LF  | 1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                        | 94.49                     | 18.05                   |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 8.76                      |                         |
| 05 59 65 00-0010                                                                                           | LF  | 1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....                                    | 154.06                    | 27.09                   |
| For Plastic Dipped, Add                                                                                    |     |                                                                                                     | 14.98                     |                         |
| <b>05 59 65 00-0011 316L Stainless Steel Chain, Cut Length (05 59 65)</b>                                  |     |                                                                                                     |                           |                         |
| 05 59 65 00-0012                                                                                           | CLF | 1/8" Diameter 316L Stainless Steel Chain, Cut Length.....                                           | 2,679.80                  | 90.25                   |
| 05 59 65 00-0013                                                                                           | CLF | 3/16" Diameter 316L Stainless Steel Chain, Cut Length.....                                          | 3,298.00                  | 108.34                  |
| 05 59 65 00-0014                                                                                           | CLF | 9/32" Diameter 316L Stainless Steel Chain, Cut Length.....                                          | 4,134.18                  | 135.43                  |
| 05 59 65 00-0015                                                                                           | CLF | 5/16" Diameter 316L Stainless Steel Chain, Cut Length.....                                          | 5,585.34                  | 180.62                  |
| 05 59 65 00-0016                                                                                           | CLF | 3/8" Diameter 316L Stainless Steel Chain, Cut Length.....                                           | 6,346.38                  | 270.87                  |
| 05 59 65 00-0017                                                                                           | CLF | 1/2" Diameter 316L Stainless Steel Chain, Cut Length.....                                           | 9,572.78                  | 451.49                  |
| <b>05 59 69 Metal Panels (05 59)</b>                                                                       |     |                                                                                                     |                           |                         |
| <b>05 59 69 00-0001 Woven And Welded Wire Cloth (05 59 69)</b>                                             |     |                                                                                                     |                           |                         |
| Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.            |     |                                                                                                     |                           |                         |
| <b>05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels (05 59 69 00-0001)</b>                  |     |                                                                                                     |                           |                         |
| <b>05 59 69 00-0003 2" Square Wire Spacing (05 59 69 00-0002)</b>                                          |     |                                                                                                     |                           |                         |
| 05 59 69 00-0004                                                                                           | SF  | 0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....                    | 9.78                      | 2.89                    |
| For Up To 2, Add                                                                                           |     |                                                                                                     | 2.73                      |                         |
| For >2 To 6, Add                                                                                           |     |                                                                                                     | 1.56                      |                         |
| For >15 To 40, Deduct                                                                                      |     |                                                                                                     | -0.30                     |                         |
| For >40, Deduct                                                                                            |     |                                                                                                     | -0.89                     |                         |
| For Galvanized, Add                                                                                        |     |                                                                                                     | 2.60                      |                         |
| For Aluminum, Add                                                                                          |     |                                                                                                     | 3.55                      |                         |
| For 304 Stainless Steel, Add                                                                               |     |                                                                                                     | 14.21                     |                         |
| For 316 Stainless Steel, Add                                                                               |     |                                                                                                     | 16.28                     |                         |
| 05 59 69 00-0005                                                                                           | SF  | 0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....                   | 10.52                     | 3.01                    |
| For Up To 2, Add                                                                                           |     |                                                                                                     | 2.91                      |                         |
| For >2 To 6, Add                                                                                           |     |                                                                                                     | 1.66                      |                         |
| For >15 To 40, Deduct                                                                                      |     |                                                                                                     | -0.33                     |                         |
| For >40, Deduct                                                                                            |     |                                                                                                     | -0.98                     |                         |
| For Galvanized, Add                                                                                        |     |                                                                                                     | 2.86                      |                         |
| For Aluminum, Add                                                                                          |     |                                                                                                     | 3.90                      |                         |
| For 304 Stainless Steel, Add                                                                               |     |                                                                                                     | 15.60                     |                         |
| For 316 Stainless Steel, Add                                                                               |     |                                                                                                     | 17.88                     |                         |

**05 Metals****05 50 Metal Fabrications****05 59 Metal Specialties**

| MINOR            | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0006 | SF  |     | 0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels .....     | 11.18                     | 3.34                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.13                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.79                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.34                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.01                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 2.96                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.04                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 16.15                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 18.51                     |                         |
| 05 59 69 00-0007 | SF  |     | 0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels .....     | 11.78                     | 3.48                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.28                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.87                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.36                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.07                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.15                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.29                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 17.16                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 19.66                     |                         |
| 05 59 69 00-0008 | SF  |     | 0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels .....     | 12.88                     | 3.90                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.62                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.07                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.38                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.15                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.38                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.61                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 18.43                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 21.12                     |                         |
| 05 59 69 00-0009 | SF  |     | 0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels .....     | 14.81                     | 4.34                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.12                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.35                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.45                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.35                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.97                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.41                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 21.65                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 24.81                     |                         |
| 05 59 69 00-0010 | SF  |     | 0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels .....     | 16.81                     | 4.78                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.64                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.64                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.52                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.57                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.59                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 6.26                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 25.06                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 28.71                     |                         |
| 05 59 69 00-0011 | SF  |     | 0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels .....     | 19.26                     | 5.31                    |
|                  |     |     | For Up To 2, Add                                                                       | 5.27                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.99                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.61                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.83                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 5.36                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 7.31                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 29.26                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 33.52                     |                         |
| 05 59 69 00-0012 |     |     | <b>1-3/4" Square Wire Spacing (05 59 69 00-0002)</b>                                   |                           |                         |
| 05 59 69 00-0013 | SF  |     | 0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels .....  | 10.25                     | 3.06                    |
|                  |     |     | For Up To 2, Add                                                                       | 2.87                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.64                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.31                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -0.93                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 2.71                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 3.70                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 14.81                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 16.97                     |                         |
| 05 59 69 00-0014 | SF  |     | 0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels ..... | 11.29                     | 3.22                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.12                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.78                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.35                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.05                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.07                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.19                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 16.75                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 19.20                     |                         |
| 05 59 69 00-0015 | SF  |     | 0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels ..... | 12.13                     | 3.62                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.39                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.94                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.36                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.09                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.21                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.37                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 17.50                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 20.05                     |                         |





|  |                           |              |           |
|--|---------------------------|--------------|-----------|
|  | <b>Metals</b>             | <b>05</b>    | <b>05</b> |
|  | <b>Metal Fabrications</b> | <b>05 50</b> |           |
|  | <b>Metal Specialties</b>  | <b>05 59</b> |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0016 | SF  |     | 0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels ..... | 12.68                     | 3.74                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.53                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.02                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.38                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.15                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.38                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.61                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 18.46                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 21.15                     |                         |
| 05 59 69 00-0017 | SF  |     | 0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.86                     | 4.19                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.89                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.22                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.41                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.24                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.64                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.96                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 19.85                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 22.74                     |                         |
| 05 59 69 00-0018 | SF  |     | 0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels ..... | 15.94                     | 4.69                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.44                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.53                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.49                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.46                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.27                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.82                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 23.28                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 26.68                     |                         |
| 05 59 69 00-0019 | SF  |     | 0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels ..... | 18.07                     | 5.14                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.98                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.83                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.56                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.68                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.94                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 6.73                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 26.93                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 30.86                     |                         |
| 05 59 69 00-0020 | SF  |     | 0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels ..... | 20.74                     | 5.71                    |
|                  |     |     | For Up To 2, Add                                                                       | 5.67                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 3.22                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.66                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.97                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 5.77                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 7.87                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 31.49                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 36.08                     |                         |
| 05 59 69 00-0021 |     |     | 1-1/2" Square Wire Spacing (05 59 69 00-0002)                                          |                           |                         |
| 05 59 69 00-0022 | SF  |     | 0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels .....  | 11.36                     | 3.41                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.18                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.82                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.34                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.02                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.01                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.10                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 16.39                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 18.78                     |                         |
| 05 59 69 00-0023 | SF  |     | 0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels ..... | 12.49                     | 3.58                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.45                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.96                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.39                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.16                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.40                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.63                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 18.53                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 21.23                     |                         |
| 05 59 69 00-0024 | SF  |     | 0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.27                     | 3.97                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.71                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.12                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.40                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.20                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.51                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.79                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 19.15                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 21.95                     |                         |
| 05 59 69 00-0025 | SF  |     | 0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.99                     | 4.13                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.90                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.22                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.42                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.27                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.74                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.09                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 20.38                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 23.35                     |                         |

**05 Metals****05 50 Metal Fabrications****05 59 Metal Specialties**

| MINOR            | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0026 | SF  |     | 0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels .....  | 15.25                     | 4.61                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.28                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.45                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.45                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.36                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.00                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.45                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 21.82                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 25.00                     |                         |
| 05 59 69 00-0027 | SF  |     | 0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels .....  | 17.42                     | 5.12                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.85                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.76                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.53                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.59                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.67                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 6.37                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 25.46                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 29.18                     |                         |
| 05 59 69 00-0028 | SF  |     | 0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels ..... | 19.76                     | 5.62                    |
|                  |     |     | For Up To 2, Add                                                                       | 5.45                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 3.10                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.61                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.84                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 5.40                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 7.36                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 29.45                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 33.74                     |                         |
| 05 59 69 00-0029 | SF  |     | 0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels ..... | 22.62                     | 6.23                    |
|                  |     |     | For Up To 2, Add                                                                       | 6.18                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 3.51                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.72                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -2.15                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 6.30                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 8.59                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 34.37                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 39.38                     |                         |
| 05 59 69 00-0030 |     |     | 1-1/4" Square Wire Spacing (05 59 69 00-0002)                                          |                           |                         |
| 05 59 69 00-0031 | SF  |     | 0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels ..... | 11.60                     | 3.68                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.30                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 1.90                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.33                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.00                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 2.94                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.01                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 16.06                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 18.40                     |                         |
| 05 59 69 00-0032 | SF  |     | 0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels .....  | 12.56                     | 3.86                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.54                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.03                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.37                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.11                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.26                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.45                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 17.78                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 20.38                     |                         |
| 05 59 69 00-0033 | SF  |     | 0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.65                     | 4.02                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.80                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.17                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.41                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.24                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.65                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 4.97                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 19.90                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 22.80                     |                         |
| 05 59 69 00-0034 | SF  |     | 0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels ..... | 14.08                     | 4.10                    |
|                  |     |     | For Up To 2, Add                                                                       | 3.91                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.23                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.43                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.29                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 3.79                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.17                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 20.69                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 23.71                     |                         |
| 05 59 69 00-0035 | SF  |     | 0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels .....  | 15.25                     | 4.62                    |
|                  |     |     | For Up To 2, Add                                                                       | 4.28                      |                         |
|                  |     |     | For >2 To 6, Add                                                                       | 2.45                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.45                     |                         |
|                  |     |     | For >40, Deduct                                                                        | -1.36                     |                         |
|                  |     |     | For Galvanized, Add                                                                    | 4.00                      |                         |
|                  |     |     | For Aluminum, Add                                                                      | 5.45                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 21.79                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 24.97                     |                         |



|  |                           |              |  |
|--|---------------------------|--------------|--|
|  | <b>Metals</b>             | <b>05</b>    |  |
|  | <b>Metal Fabrications</b> | <b>05 50</b> |  |
|  | <b>Metal Specialties</b>  | <b>05 59</b> |  |

| MINOR            | CSI | UOM | DESCRIPTION                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------|------------------------|----------------------|
| 05 59 69 00-0036 | SF  |     | 0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels ..... | 17.17                  | 5.20                 |
|                  |     |     | For Up To 2, Add                                                                       | 4.82                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.76                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.51                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.54                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 4.51                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 6.14                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 24.58                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 28.16                  |                      |
| 05 59 69 00-0037 | SF  |     | 0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels ..... | 19.55                  | 5.74                 |
|                  |     |     | For Up To 2, Add                                                                       | 5.44                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 3.10                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.60                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.79                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 5.24                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 7.14                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 28.56                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 32.73                  |                      |
| 05 59 69 00-0038 | SF  |     | 0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels .....  | 22.07                  | 6.28                 |
|                  |     |     | For Up To 2, Add                                                                       | 6.09                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 3.46                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.69                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -2.06                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 6.03                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 8.23                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 32.90                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 37.70                  |                      |
| 05 59 69 00-0039 | SF  |     | 0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels ..... | 25.31                  | 6.97                 |
|                  |     |     | For Up To 2, Add                                                                       | 6.92                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 3.92                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.80                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -2.40                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 7.05                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 9.61                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 38.45                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 44.06                  |                      |
| 05 59 69 00-0040 |     |     | <b>1" Square Wire Spacing</b> (05 59 69 00-0002)                                       |                        |                      |
| 05 59 69 00-0041 | SF  |     | 0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels .....     | 13.23                  | 4.31                 |
|                  |     |     | For Up To 2, Add                                                                       | 3.79                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.18                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.37                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.12                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 3.30                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 4.49                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 17.98                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 20.60                  |                      |
| 05 59 69 00-0042 | SF  |     | 0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels .....      | 14.20                  | 4.48                 |
|                  |     |     | For Up To 2, Add                                                                       | 4.04                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.32                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.41                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.23                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 3.62                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 4.93                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 19.73                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 22.61                  |                      |
| 05 59 69 00-0043 | SF  |     | 0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels .....     | 14.80                  | 4.69                 |
|                  |     |     | For Up To 2, Add                                                                       | 4.21                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.42                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.43                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.28                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 3.76                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 5.12                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 20.50                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 23.49                  |                      |
| 05 59 69 00-0044 | SF  |     | 0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels .....     | 15.88                  | 4.75                 |
|                  |     |     | For Up To 2, Add                                                                       | 4.44                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.54                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.48                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.43                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 4.20                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 5.72                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 22.90                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 26.24                  |                      |
| 05 59 69 00-0045 | SF  |     | 0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels .....     | 17.66                  | 5.35                 |
|                  |     |     | For Up To 2, Add                                                                       | 4.96                   |                      |
|                  |     |     | For >2 To 6, Add                                                                       | 2.84                   |                      |
|                  |     |     | For >15 To 40, Deduct                                                                  | -0.53                  |                      |
|                  |     |     | For >40, Deduct                                                                        | -1.58                  |                      |
|                  |     |     | For Galvanized, Add                                                                    | 4.63                   |                      |
|                  |     |     | For Aluminum, Add                                                                      | 6.31                   |                      |
|                  |     |     | For 304 Stainless Steel, Add                                                           | 25.25                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                                           | 28.93                  |                      |

**05 Metals****05 50 Metal Fabrications****05 59 Metal Specialties**

| MINOR            | CSI | UOM | DESCRIPTION                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0046 | SF  |     | 0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels .....   | 19.82                     | 6.00                    |
|                  |     |     | For Up To 2, Add                                                                     | 5.56                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.18                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.59                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.77                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 5.20                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 7.09                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 28.37                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 32.51                     |                         |
| 05 59 69 00-0047 | SF  |     | 0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels .....   | 22.69                     | 6.65                    |
|                  |     |     | For Up To 2, Add                                                                     | 6.31                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.60                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.69                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.07                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 6.08                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 8.29                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 33.14                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 37.98                     |                         |
| 05 59 69 00-0048 | SF  |     | 0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels .....   | 25.55                     | 7.27                    |
|                  |     |     | For Up To 2, Add                                                                     | 7.05                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 4.01                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.79                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.38                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 6.98                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 9.52                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 38.09                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 43.64                     |                         |
| 05 59 69 00-0049 | SF  |     | 0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels .....   | 29.20                     | 8.04                    |
|                  |     |     | For Up To 2, Add                                                                     | 7.98                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 4.53                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.92                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.77                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 8.13                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 11.09                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 44.35                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 50.82                     |                         |
| 05 59 69 00-0050 |     |     | <b>3/4" Square Wire Spacing</b> (05 59 69 00-0002)                                   |                           |                         |
| 05 59 69 00-0051 | SF  |     | 0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.40                     | 4.30                    |
|                  |     |     | For Up To 2, Add                                                                     | 3.83                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.20                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.38                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.15                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 3.37                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 4.60                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 18.41                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 21.09                     |                         |
| 05 59 69 00-0052 | SF  |     | 0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels .....  | 14.97                     | 4.83                    |
|                  |     |     | For Up To 2, Add                                                                     | 4.28                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.46                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.43                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.28                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 3.76                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 5.12                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 20.50                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 23.49                     |                         |
| 05 59 69 00-0053 | SF  |     | 0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels ..... | 16.55                     | 5.45                    |
|                  |     |     | For Up To 2, Add                                                                     | 4.76                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.74                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.46                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.39                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 4.09                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 5.57                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 22.30                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 25.55                     |                         |
| 05 59 69 00-0054 | SF  |     | 0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels ..... | 17.91                     | 5.80                    |
|                  |     |     | For Up To 2, Add                                                                     | 5.13                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.95                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.51                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.52                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 4.47                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 6.10                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 24.38                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 27.94                     |                         |
| 05 59 69 00-0055 | SF  |     | 0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels ..... | 20.74                     | 6.53                    |
|                  |     |     | For Up To 2, Add                                                                     | 5.89                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.38                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.60                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.80                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 5.29                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 7.21                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 28.85                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 33.06                     |                         |



|  |  |                    |           |           |
|--|--|--------------------|-----------|-----------|
|  |  | <b>Metals</b>      | <b>05</b> | <b>05</b> |
|  |  | Metal Fabrications | 05 50     |           |
|  |  | Metal Specialties  | 05 59     |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0056 | SF  |     | 0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels .....  | 23.88                     | 7.31                    |
|                  |     |     | For Up To 2, Add                                                                     | 6.72                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.85                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.71                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.12                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 6.22                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 8.48                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 33.94                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 38.89                     |                         |
| 05 59 69 00-0057 | SF  |     | 0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels ..... | 27.22                     | 8.07                    |
|                  |     |     | For Up To 2, Add                                                                     | 7.60                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 4.34                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.82                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.47                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 7.24                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 9.87                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 39.48                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 45.24                     |                         |
| 05 59 69 00-0058 | SF  |     | 0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels ..... | 30.53                     | 8.78                    |
|                  |     |     | For Up To 2, Add                                                                     | 8.45                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 4.81                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.94                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.82                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 8.29                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 11.30                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 45.19                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 51.78                     |                         |
| 05 59 69 00-0059 | SF  |     | 0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels ..... | 34.86                     | 9.71                    |
|                  |     |     | For Up To 2, Add                                                                     | 9.56                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 5.43                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -1.10                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -3.29                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 9.64                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 13.15                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 52.61                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 60.28                     |                         |
| 05 59 69 00-0060 |     |     | 1/2" Square Wire Spacing (05 59 69 00-0002)                                          |                           |                         |
| 05 59 69 00-0061 | SF  |     | 0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels ..... | 13.99                     | 4.60                    |
|                  |     |     | For Up To 2, Add                                                                     | 4.03                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.32                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.39                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.18                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 3.45                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 4.71                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 18.84                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 21.59                     |                         |
| 05 59 69 00-0062 | SF  |     | 0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels .....  | 16.34                     | 5.59                    |
|                  |     |     | For Up To 2, Add                                                                     | 4.76                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 2.75                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.44                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.33                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 3.90                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 5.32                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 21.29                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 24.39                     |                         |
| 05 59 69 00-0063 | SF  |     | 0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels ..... | 19.76                     | 6.62                    |
|                  |     |     | For Up To 2, Add                                                                     | 5.72                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.30                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.55                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.64                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 4.81                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 6.56                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 26.26                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 30.09                     |                         |
| 05 59 69 00-0064 | SF  |     | 0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels ..... | 22.82                     | 7.43                    |
|                  |     |     | For Up To 2, Add                                                                     | 6.54                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 3.77                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.65                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -1.94                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 5.68                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 7.75                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 31.01                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 35.53                     |                         |
| 05 59 69 00-0065 | SF  |     | 0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels ..... | 26.24                     | 8.29                    |
|                  |     |     | For Up To 2, Add                                                                     | 7.46                      |                         |
|                  |     |     | For >2 To 6, Add                                                                     | 4.28                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                | -0.76                     |                         |
|                  |     |     | For >40, Deduct                                                                      | -2.28                     |                         |
|                  |     |     | For Galvanized, Add                                                                  | 6.68                      |                         |
|                  |     |     | For Aluminum, Add                                                                    | 9.11                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                         | 36.46                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                         | 41.77                     |                         |

**05 Metals****05 50 Metal Fabrications****05 59 Metal Specialties**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0066 | SF  |     | 0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels .....            | 30.12                     | 9.23                    |
|                  |     |     | For Up To 2, Add                                                                                | 8.49                      |                         |
|                  |     |     | For >2 To 6, Add                                                                                | 4.86                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                           | -0.89                     |                         |
|                  |     |     | For >40, Deduct                                                                                 | -2.67                     |                         |
|                  |     |     | For Galvanized, Add                                                                             | 7.83                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 10.68                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 42.72                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 48.95                     |                         |
| 05 59 69 00-0067 | SF  |     | 0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels .....            | 34.13                     | 10.16                   |
|                  |     |     | For Up To 2, Add                                                                                | 9.53                      |                         |
|                  |     |     | For >2 To 6, Add                                                                                | 5.44                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                           | -1.03                     |                         |
|                  |     |     | For >40, Deduct                                                                                 | -3.09                     |                         |
|                  |     |     | For Galvanized, Add                                                                             | 9.06                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 12.36                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 49.44                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 56.65                     |                         |
| 05 59 69 00-0068 | SF  |     | 0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels .....            | 38.17                     | 11.01                   |
|                  |     |     | For Up To 2, Add                                                                                | 10.57                     |                         |
|                  |     |     | For >2 To 6, Add                                                                                | 6.02                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                           | -1.18                     |                         |
|                  |     |     | For >40, Deduct                                                                                 | -3.53                     |                         |
|                  |     |     | For Galvanized, Add                                                                             | 10.34                     |                         |
|                  |     |     | For Aluminum, Add                                                                               | 14.10                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 56.40                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 64.63                     |                         |
| 05 59 69 00-0069 | SF  |     | 0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels .....            | 39.64                     | 12.11                   |
|                  |     |     | For Up To 2, Add                                                                                | 11.16                     |                         |
|                  |     |     | For >2 To 6, Add                                                                                | 6.39                      |                         |
|                  |     |     | For >15 To 40, Deduct                                                                           | -1.18                     |                         |
|                  |     |     | For >40, Deduct                                                                                 | -3.53                     |                         |
|                  |     |     | For Galvanized, Add                                                                             | 10.34                     |                         |
|                  |     |     | For Aluminum, Add                                                                               | 14.10                     |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 56.40                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 64.63                     |                         |
| 05 59 69 00-0070 |     |     | <b>Expanded Metal Panels</b> (05 59 69)                                                         |                           |                         |
|                  |     |     | Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding. |                           |                         |
| 05 59 69 00-0071 |     |     | <b>Plain Flattened Expanded Metal Diamond Shape Panels</b> (05 59 69 00-0070)                   |                           |                         |
|                  |     |     | Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding. |                           |                         |
| 05 59 69 00-0072 | SF  |     | 1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF .....                                         | 11.02                     | 3.97                    |
|                  |     |     | For Galvanized, Add                                                                             | 2.52                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 3.44                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 13.75                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 15.76                     |                         |
| 05 59 69 00-0073 | SF  |     | 1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF .....                                         | 13.89                     | 4.34                    |
|                  |     |     | For Galvanized, Add                                                                             | 3.56                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 4.86                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 19.44                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 22.28                     |                         |
| 05 59 69 00-0074 | SF  |     | 1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF .....                                         | 7.93                      | 3.06                    |
|                  |     |     | For Galvanized, Add                                                                             | 1.69                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 2.31                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 9.24                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 10.59                     |                         |
| 05 59 69 00-0075 | SF  |     | 1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF .....                                         | 8.66                      | 3.34                    |
|                  |     |     | For Galvanized, Add                                                                             | 1.85                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 2.53                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 10.10                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 11.58                     |                         |
| 05 59 69 00-0076 | SF  |     | 1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF .....                                         | 9.79                      | 3.97                    |
|                  |     |     | For Galvanized, Add                                                                             | 1.98                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 2.70                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 10.80                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 12.38                     |                         |
| 05 59 69 00-0077 | SF  |     | 1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF .....                                          | 12.52                     | 5.12                    |
|                  |     |     | For Galvanized, Add                                                                             | 2.51                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 3.43                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 13.70                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 15.70                     |                         |
| 05 59 69 00-0078 | SF  |     | 3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF .....                                         | 6.89                      | 3.01                    |
|                  |     |     | For Galvanized, Add                                                                             | 1.26                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 1.72                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 6.89                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 7.89                      |                         |
| 05 59 69 00-0079 | SF  |     | 3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF .....                                         | 7.73                      | 3.22                    |
|                  |     |     | For Galvanized, Add                                                                             | 1.50                      |                         |
|                  |     |     | For Aluminum, Add                                                                               | 2.05                      |                         |
|                  |     |     | For 304 Stainless Steel, Add                                                                    | 8.21                      |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                    | 9.41                      |                         |



|  |                           |              |  |
|--|---------------------------|--------------|--|
|  | <b>Metals</b>             | <b>05</b>    |  |
|  | <b>Metal Fabrications</b> | <b>05 50</b> |  |
|  | <b>Metal Specialties</b>  | <b>05 59</b> |  |

| MINOR<br>CSI UOM DESCRIPTION                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 59 69 00-0080 SF 3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF .....   | 8.84                      | 3.62                    |
| For Galvanized, Add                                                           | 1.76                      |                         |
| For Aluminum, Add                                                             | 2.40                      |                         |
| For 304 Stainless Steel, Add                                                  | 9.60                      |                         |
| For 316 Stainless Steel, Add                                                  | 11.00                     |                         |
| 05 59 69 00-0081 SF 3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF .....    | 13.91                     | 6.00                    |
| For Galvanized, Add                                                           | 2.60                      |                         |
| For Aluminum, Add                                                             | 3.55                      |                         |
| For 304 Stainless Steel, Add                                                  | 14.18                     |                         |
| For 316 Stainless Steel, Add                                                  | 16.25                     |                         |
| 05 59 69 00-0082 SF 1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF .....     | 7.69                      | 3.68                    |
| For Galvanized, Add                                                           | 1.22                      |                         |
| For Aluminum, Add                                                             | 1.67                      |                         |
| For 304 Stainless Steel, Add                                                  | 6.67                      |                         |
| For 316 Stainless Steel, Add                                                  | 7.65                      |                         |
| 05 59 69 00-0083 SF 1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF ..... | 6.66                      | 2.89                    |
| For Galvanized, Add                                                           | 1.23                      |                         |
| For Aluminum, Add                                                             | 1.68                      |                         |
| For 304 Stainless Steel, Add                                                  | 6.72                      |                         |
| For 316 Stainless Steel, Add                                                  | 7.70                      |                         |
| 05 59 69 00-0084 SF 1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF ..... | 7.68                      | 3.41                    |
| For Galvanized, Add                                                           | 1.39                      |                         |
| For Aluminum, Add                                                             | 1.89                      |                         |
| For 304 Stainless Steel, Add                                                  | 7.56                      |                         |
| For 316 Stainless Steel, Add                                                  | 8.66                      |                         |
| 05 59 69 00-0085 SF 1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF .....  | 11.95                     | 4.60                    |
| For Galvanized, Add                                                           | 2.56                      |                         |
| For Aluminum, Add                                                             | 3.49                      |                         |
| For 304 Stainless Steel, Add                                                  | 13.94                     |                         |
| For 316 Stainless Steel, Add                                                  | 15.98                     |                         |

## 05 70 Decorative Metal (05)

Note: Includes anchors and related accessories.

### 05 71 Decorative Metal Stairs (05 70)

#### 05 71 13 Fabricated Metal Spiral Stairs (05 71)

Note: Includes factory prime.

##### 05 71 13 00-0001 Spiral Stairs, Stock Units (05 71 13)

Note: Includes factory prime.

##### 05 71 13 00-0002 Steel Tread (05 71 13 00-0001)

|                                                                          |        |       |
|--------------------------------------------------------------------------|--------|-------|
| 05 71 13 00-0003 VLF 3'-6" Diameter, Spiral Steel Stair With Rails ..... | 504.22 | 52.59 |
| For Galvanized, Add                                                      | 279.31 |       |
| 05 71 13 00-0004 VLF 4' Diameter, Spiral Steel Stair With Rails .....    | 575.06 | 57.86 |
| For Galvanized, Add                                                      | 321.54 |       |
| 05 71 13 00-0005 VLF 4'-6" Diameter, Spiral Steel Stair With Rails ..... | 636.61 | 63.11 |
| For Galvanized, Add                                                      | 357.27 |       |
| 05 71 13 00-0006 VLF 5' Diameter, Spiral Steel Stair With Rails .....    | 681.93 | 68.38 |
| For Galvanized, Add                                                      | 381.63 |       |

### 05 73 Decorative Metal Railings (05 70)

Note: Factory primed. Includes brackets.

#### 05 73 23 Decorative Metal Railings (05 73)

##### 05 73 23 00-0001 Railings; Vertical Square Bars At 6" (05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

|                                                                                                                    |        |       |
|--------------------------------------------------------------------------------------------------------------------|--------|-------|
| 05 73 23 00-0002 LF Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High .....    | 67.58  | 11.57 |
| For Rake Or Angle Railings, Add                                                                                    | 9.78   |       |
| For Curved Railings, Add                                                                                           | 16.84  |       |
| For 4" On Center Standards, Add                                                                                    | 1.57   |       |
| For 4-1/2" On Center Standards, Add                                                                                | 1.26   |       |
| For 5" On Center Standards, Add                                                                                    | 0.84   |       |
| For 5-1/2" On Center Standards, Add                                                                                | 0.42   |       |
| For Each Field Bending Of Rails, Add                                                                               | 14.16  |       |
| For Galvanized, Add                                                                                                | 2.93   |       |
| 05 73 23 00-0003 LF Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High ..... | 174.67 | 15.78 |
| For Rake Or Angle Railings, Add                                                                                    | 18.84  |       |
| For Curved Railings, Add                                                                                           | 61.58  |       |
| For 4" On Center Standards, Add                                                                                    | 8.29   |       |
| For 4-1/2" On Center Standards, Add                                                                                | 6.63   |       |
| For 5" On Center Standards, Add                                                                                    | 4.42   |       |
| For 5-1/2" On Center Standards, Add                                                                                | 2.21   |       |
| For Each Field Bending Of Rails, Add                                                                               | 18.53  |       |
| 05 73 23 00-0004 LF Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High .....   | 252.76 | 26.30 |
| For Rake Or Angle Railings, Add                                                                                    | 27.24  |       |
| For Curved Railings, Add                                                                                           | 89.17  |       |
| For 4" On Center Standards, Add                                                                                    | 12.01  |       |
| For 4-1/2" On Center Standards, Add                                                                                | 9.61   |       |
| For 5" On Center Standards, Add                                                                                    | 6.41   |       |
| For 5-1/2" On Center Standards, Add                                                                                | 3.20   |       |
| For Each Field Bending Of Rails, Add                                                                               | 25.64  |       |

**05 Metals****05 70 Decorative Metal****05 73 Decorative Metal Railings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 73 23 00-0005 | LF  | Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....                                                   | 291.51                    | 21.04                   |
|                  |     | For Rake Or Angle Railings, Add                                                                                                                        | 28.98                     |                         |
|                  |     | For Curved Railings, Add                                                                                                                               | 109.67                    |                         |
|                  |     | For 4" On Center Standards, Add                                                                                                                        | 15.46                     |                         |
|                  |     | For 4-1/2" On Center Standards, Add                                                                                                                    | 12.36                     |                         |
|                  |     | For 5" On Center Standards, Add                                                                                                                        | 8.24                      |                         |
|                  |     | For 5-1/2" On Center Standards, Add                                                                                                                    | 4.12                      |                         |
|                  |     | For Each Field Bending Of Rails, Add                                                                                                                   | 23.86                     |                         |
| 05 73 23 00-0006 | LF  | Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....                                                | 326.38                    | 32.09                   |
|                  |     | For Rake Or Angle Railings, Add                                                                                                                        | 28.86                     |                         |
|                  |     | For Curved Railings, Add                                                                                                                               | 132.86                    |                         |
|                  |     | For 4" On Center Standards, Add                                                                                                                        | 19.67                     |                         |
|                  |     | For 4-1/2" On Center Standards, Add                                                                                                                    | 15.73                     |                         |
|                  |     | For 5" On Center Standards, Add                                                                                                                        | 10.49                     |                         |
|                  |     | For 5-1/2" On Center Standards, Add                                                                                                                    | 5.24                      |                         |
|                  |     | For Each Field Bending Of Rails, Add                                                                                                                   | 18.54                     |                         |
| 05 73 23 00-0007 |     | <b>Laminated Metal Or Wood Handrails With Metal Supports</b> (05 73 23)                                                                                |                           |                         |
| 05 73 23 00-0008 | LF  | 2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports.....                                                                      | 172.33                    | 5.26                    |
|                  |     | For Rake Or Angle Railings, Add                                                                                                                        | 13.51                     |                         |
|                  |     | For Curved Railings, Add                                                                                                                               | 75.01                     |                         |
|                  |     | For 4" On Center Standards, Add                                                                                                                        | 11.52                     |                         |
|                  |     | For 4-1/2" On Center Standards, Add                                                                                                                    | 9.22                      |                         |
|                  |     | For 5" On Center Standards, Add                                                                                                                        | 6.15                      |                         |
|                  |     | For 5-1/2" On Center Standards, Add                                                                                                                    | 3.07                      |                         |
|                  |     | For Each Field Bending Of Rails, Add                                                                                                                   | 7.18                      |                         |
| 05 73 23 00-0009 |     | <b>Plain Handrails</b> (05 73 23)                                                                                                                      |                           |                         |
| 05 73 23 00-0010 | LF  | 2" Brass Handrail.....                                                                                                                                 | 58.47                     | 11.62                   |
| 05 73 23 00-0011 | EA  | 90 Degree Angle For 2" Brass Handrail.....                                                                                                             | 117.82                    | 41.64                   |
| 05 73 23 00-0012 | EA  | End Cap For 2" Brass Handrail.....                                                                                                                     | 52.88                     | 20.87                   |
| 05 73 23 00-0013 | EA  | Brass Bracket And Joint For 2" Brass Handrail.....                                                                                                     | 88.73                     | 41.64                   |
| 05 73 23 00-0014 | LF  | 2" Stainless Steel Handrail.....                                                                                                                       | 71.28                     | 14.53                   |
| 05 73 23 00-0015 |     | <b>Restoration Of Existing Metal Handrail And Railing</b> (05 73 23)                                                                                   |                           |                         |
|                  |     | Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0382 for painting. |                           |                         |
| 05 73 23 00-0016 | LF  | Refinish Metal Handrail.....                                                                                                                           | 10.62                     |                         |
| 05 73 23 00-0017 | LF  | Refinish Wrought Iron Balustrade.....                                                                                                                  | 10.58                     |                         |
| 05 73 23 00-0018 |     | <b>Remove And Reinstall Ornamental Railing</b> (05 73 23)                                                                                              |                           |                         |
| 05 73 23 00-0019 | LF  | Removal And Reinstallation Of Ornamental Handrail And Pickets.....                                                                                     | 96.77                     |                         |
| <b>05 75</b>     |     | <b>Decorative Formed Metal</b> (05 70)                                                                                                                 |                           |                         |
| 05 75 00 00-0001 |     | <b>Metal Sheets, Installed On Walls</b> (05 75)                                                                                                        |                           |                         |
|                  |     | Note: Includes field fabrication (bending) where noted.                                                                                                |                           |                         |
| 05 75 00 00-0002 |     | <b>Copper Sheets, Installed On Walls</b> (05 75 00 00-0001)                                                                                            |                           |                         |
|                  |     | Note: Includes field fabrication.                                                                                                                      |                           |                         |
| 05 75 00 00-0003 | SF  | 0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                         | 27.67                     | 2.12                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -1.54                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -3.09                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -4.47                     |                         |
| 05 75 00 00-0004 | SF  | 0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                         | 34.69                     | 2.37                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -1.91                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -3.82                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -5.56                     |                         |
| 05 75 00 00-0005 | SF  | 0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                         | 37.99                     | 2.55                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -2.09                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -4.18                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -6.08                     |                         |
| 05 75 00 00-0006 | SF  | 0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                          | 41.07                     | 2.68                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -2.25                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -4.51                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -6.56                     |                         |
| 05 75 00 00-0007 | SF  | 0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                         | 46.96                     | 2.80                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -2.56                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -5.12                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -7.47                     |                         |
| 05 75 00 00-0008 | SF  | 0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                         | 59.79                     | 2.94                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -3.21                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -6.42                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -9.41                     |                         |
| 05 75 00 00-0009 | SF  | 0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls.....                                                                                          | 70.24                     | 3.07                    |
|                  |     | For >16 To 200, Deduct                                                                                                                                 | -3.74                     |                         |
|                  |     | For >200 To 500, Deduct                                                                                                                                | -7.48                     |                         |
|                  |     | For >500, Deduct                                                                                                                                       | -11.00                    |                         |





|  |  |                         |           |           |
|--|--|-------------------------|-----------|-----------|
|  |  | <b>Metals</b>           | <b>05</b> | <b>05</b> |
|  |  | Decorative Metal        | 05 70     |           |
|  |  | Decorative Formed Metal | 05 75     |           |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST           | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|
| 05 75 00 00-0010 SF 0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                      | 85.24<br>-4.51<br>-9.02<br>-13.28   | 3.31                    |
| 05 75 00 00-0011 SF 0.08" Thick Copper Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                                   | 104.96<br>-5.52<br>-11.03<br>-16.28 | 3.57                    |
| 05 75 00 00-0012 SF 0.125" Thick Copper Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                                  | 154.82<br>-8.03<br>-16.06<br>-23.80 | 3.83                    |
| 05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)<br>Note: Includes field fabrication.                                                                                 |                                     |                         |
| 05 75 00 00-0014 SF 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....  | 14.00<br>-0.98<br>-1.75<br>-2.45    | 2.34                    |
| 05 75 00 00-0015 SF 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct ..... | 15.82<br>-0.98<br>-1.96<br>-2.75    | 2.53                    |
| 05 75 00 00-0016 SF 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct ..... | 17.19<br>-1.06<br>-2.12<br>-2.98    | 2.65                    |
| 05 75 00 00-0017 SF 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....  | 20.06<br>-1.21<br>-2.42<br>-3.43    | 2.77                    |
| 05 75 00 00-0018 SF 0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct ..... | 22.85<br>-1.36<br>-2.72<br>-3.86    | 2.90                    |
| 05 75 00 00-0019 SF 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....  | 26.35<br>-1.55<br>-3.09<br>-4.41    | 3.03                    |
| 05 75 00 00-0020 SF 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....  | 37.72<br>-2.15<br>-4.30<br>-6.19    | 3.54                    |
| 05 75 00 00-0021 SF 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....    | 50.76<br>-2.82<br>-5.64<br>-8.18    | 3.75                    |
| 05 75 00 00-0022 SF 1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....     | 69.36<br>-3.81<br>-7.62<br>-11.09   | 4.55                    |
| 05 75 00 00-0023 SF 3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....               | 115.30<br>-6.13<br>-12.26<br>-18.03 | 4.88                    |
| 05 75 00 00-0024 SF 1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....               | 147.40<br>-7.80<br>-15.59<br>-22.96 | 5.68                    |
| 05 75 00 00-0025 Aluminum Sheets, Installed On Walls (05 75 00 00-0001)<br>Note: Includes field fabrication.                                                                                        |                                     |                         |
| 05 75 00 00-0026 SF 0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                     | 9.69<br>-0.64<br>-1.29<br>-1.77     | 2.12                    |
| 05 75 00 00-0027 SF 0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                     | 10.98<br>-0.73<br>-1.45<br>-2.00    | 2.37                    |
| 05 75 00 00-0028 SF 0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                     | 12.23<br>-0.80<br>-1.61<br>-2.22    | 2.55                    |
| 05 75 00 00-0029 SF 0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                     | 13.52<br>-0.88<br>-1.75<br>-2.43    | 2.68                    |
| 05 75 00 00-0030 SF 0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls .....<br>For >16 To 200, Deduct .....<br>For >200 To 500, Deduct .....<br>For >500, Deduct .....                     | 14.79<br>-0.95<br>-1.90<br>-2.64    | 2.80                    |

**05 Metals****05 70 Decorative Metal****05 75 Decorative Formed Metal**

| MINOR<br>CSI UOM DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 05 75 00 00-0031 SF 0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls .....               | 16.19                     | 2.94                    |
| For>16 To 200, Deduct                                                                              | -1.03                     |                         |
| For>200 To 500, Deduct                                                                             | -2.06                     |                         |
| For>500, Deduct                                                                                    | -2.87                     |                         |
| 05 75 00 00-0032 SF 0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls .....               | 17.89                     | 3.07                    |
| For>16 To 200, Deduct                                                                              | -1.12                     |                         |
| For>200 To 500, Deduct                                                                             | -2.25                     |                         |
| For>500, Deduct                                                                                    | -3.14                     |                         |
| 05 75 00 00-0033 SF 0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls .....               | 21.27                     | 3.57                    |
| For>16 To 200, Deduct                                                                              | -1.33                     |                         |
| For>200 To 500, Deduct                                                                             | -2.66                     |                         |
| For>500, Deduct                                                                                    | -3.73                     |                         |
| <b>05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls</b> (05 75 00 00-0001)             |                           |                         |
| Note: Includes field fabrication.                                                                  |                           |                         |
| 05 75 00 00-0035 SF 0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 9.06                      | 2.12                    |
| For>16 To 200, Deduct                                                                              | -0.61                     |                         |
| For>200 To 500, Deduct                                                                             | -1.23                     |                         |
| For>500, Deduct                                                                                    | -1.68                     |                         |
| 05 75 00 00-0036 SF 0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 10.05                     | 2.37                    |
| For>16 To 200, Deduct                                                                              | -0.68                     |                         |
| For>200 To 500, Deduct                                                                             | -1.36                     |                         |
| For>500, Deduct                                                                                    | -1.86                     |                         |
| 05 75 00 00-0037 SF 0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 10.69                     | 2.55                    |
| For>16 To 200, Deduct                                                                              | -0.73                     |                         |
| For>200 To 500, Deduct                                                                             | -1.45                     |                         |
| For>500, Deduct                                                                                    | -1.99                     |                         |
| 05 75 00 00-0038 SF 0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 11.35                     | 2.68                    |
| For>16 To 200, Deduct                                                                              | -0.77                     |                         |
| For>200 To 500, Deduct                                                                             | -1.54                     |                         |
| For>500, Deduct                                                                                    | -2.11                     |                         |
| 05 75 00 00-0039 SF 0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 12.21                     | 2.80                    |
| For>16 To 200, Deduct                                                                              | -0.82                     |                         |
| For>200 To 500, Deduct                                                                             | -1.64                     |                         |
| For>500, Deduct                                                                                    | -2.25                     |                         |
| 05 75 00 00-0040 SF 0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 13.15                     | 2.94                    |
| For>16 To 200, Deduct                                                                              | -0.88                     |                         |
| For>200 To 500, Deduct                                                                             | -1.76                     |                         |
| For>500, Deduct                                                                                    | -2.41                     |                         |
| 05 75 00 00-0041 SF 0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 14.64                     | 3.07                    |
| For>16 To 200, Deduct                                                                              | -0.96                     |                         |
| For>200 To 500, Deduct                                                                             | -1.92                     |                         |
| For>500, Deduct                                                                                    | -2.66                     |                         |
| 05 75 00 00-0042 SF 0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 16.79                     | 3.31                    |
| For>16 To 200, Deduct                                                                              | -1.09                     |                         |
| For>200 To 500, Deduct                                                                             | -2.18                     |                         |
| For>500, Deduct                                                                                    | -3.02                     |                         |
| 05 75 00 00-0043 SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....      | 19.35                     | 3.83                    |
| For>16 To 200, Deduct                                                                              | -1.25                     |                         |
| For>200 To 500, Deduct                                                                             | -2.51                     |                         |
| For>500, Deduct                                                                                    | -3.48                     |                         |
| <b>05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls</b> (05 75 00 00-0001) |                           |                         |
| Note: Includes field fabrication.                                                                  |                           |                         |
| 05 75 00 00-0045 SF 0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....      | 12.41                     | 2.01                    |
| For>16 To 200, Deduct                                                                              | -0.82                     |                         |
| For>200 To 500, Deduct                                                                             | -1.64                     |                         |
| For>500, Deduct                                                                                    | -2.26                     |                         |
| 05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....      | 14.36                     | 2.28                    |
| For>16 To 200, Deduct                                                                              | -0.95                     |                         |
| For>200 To 500, Deduct                                                                             | -1.89                     |                         |
| For>500, Deduct                                                                                    | -2.61                     |                         |
| 05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....      | 16.31                     | 2.53                    |
| For>16 To 200, Deduct                                                                              | -1.07                     |                         |
| For>200 To 500, Deduct                                                                             | -2.14                     |                         |
| For>500, Deduct                                                                                    | -2.95                     |                         |
| 05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....      | 18.04                     | 2.73                    |
| For>16 To 200, Deduct                                                                              | -1.18                     |                         |
| For>200 To 500, Deduct                                                                             | -2.35                     |                         |
| For>500, Deduct                                                                                    | -3.25                     |                         |

**END OF SECTION 05**



|                                               |  |          |
|-----------------------------------------------|--|----------|
| Wood, Plastics, and Composites                |  | 06       |
| Maintenance of Wood, Plastics, and Composites |  | 06 01    |
| Maintenance of Rough Carpentry                |  | 06 01 10 |

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 06 Wood, Plastics, and Composites

### 06 01 Maintenance of Wood, Plastics, and Composites (06)

#### 06 01 10 Maintenance of Rough Carpentry (06 01)

##### 06 01 10 91 Rough Carpentry Restoration (06 01 10)

##### 06 01 10 91-0001 Roof Beam Restoration (06 01 10 91)

|                                                                                                                                                          |    |                                               |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------|-------|
| 06 01 10 91-0002                                                                                                                                         | EA | Up To 5, Roof Beam Restoration And Fill.....  | 68.70 |
| Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding. |    |                                               |       |
| 06 01 10 91-0003                                                                                                                                         | EA | >5 To 25, Roof Beam Restoration And Fill..... | 59.14 |
| Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding. |    |                                               |       |
| 06 01 10 91-0004                                                                                                                                         | EA | >25, Roof Beam Restoration And Fill.....      | 49.59 |
| Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding. |    |                                               |       |

##### 06 01 10 91-0005 Roof Beam Replacement (06 01 10 91)

|                                                                                                                                                                                              |    |                                                      |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------|--------|
| Note: Includes cutting back the rafter beam back 18" and in a zig-zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk. |    |                                                      |        |
| 06 01 10 91-0006                                                                                                                                                                             | EA | Up To 5, Roof Beam Replacement, 6" x 12" Beams.....  | 159.34 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |
| 06 01 10 91-0007                                                                                                                                                                             | EA | >5 To 25, Roof Beam Replacement, 6" x 12" Beams..... | 149.79 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |
| 06 01 10 91-0008                                                                                                                                                                             | EA | >25, Roof Beam Replacement, 6" x 12" Beams.....      | 140.23 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |
| 06 01 10 91-0009                                                                                                                                                                             | EA | Up To 5, Roof Beam Replacement, 4" x 8" Beams.....   | 140.37 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |
| 06 01 10 91-0010                                                                                                                                                                             | EA | >5 To 25, Roof Beam Replacement, 4" x 8" Beams.....  | 130.83 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |
| 06 01 10 91-0011                                                                                                                                                                             | EA | >25, Roof Beam Replacement, 4" x 8" Beams.....       | 121.26 |
| Note: Includes cutting off damaged/rotten wood, new beams with screws.                                                                                                                       |    |                                                      |        |

##### 06 01 10 91-0012 Roof Beam Caps (06 01 10 91)

|                              |    |                                            |       |
|------------------------------|----|--------------------------------------------|-------|
| 06 01 10 91-0013             | EA | 4" x 4" Stainless Steel Beam End Cap.....  | 31.66 |
| For Galvanized Steel, Deduct |    |                                            |       |
| 06 01 10 91-0014             | EA | 4" x 6" Stainless Steel Beam End Cap.....  | 47.33 |
| For Galvanized Steel, Deduct |    |                                            |       |
| 06 01 10 91-0015             | EA | 4" x 8" Stainless Steel Beam End Cap.....  | 61.00 |
| For Galvanized Steel, Deduct |    |                                            |       |
| 06 01 10 91-0016             | EA | 6" x 6" Stainless Steel Beam End Cap.....  | 55.30 |
| For Galvanized Steel, Deduct |    |                                            |       |
| 06 01 10 91-0017             | EA | 6" x 12" Stainless Steel Beam End Cap..... | 69.44 |
| For Galvanized Steel, Deduct |    |                                            |       |

##### 06 01 10 91-0018 Field Formed Beam Top/End Caps (06 01 10 91)

|                                                                            |    |                                                               |       |
|----------------------------------------------------------------------------|----|---------------------------------------------------------------|-------|
| 06 01 10 91-0019                                                           | SF | 24 Gauge, Stainless Steel Field Formed Beam Top/End Cap.....  | 15.11 |
| Note: Includes forming and bending at edges and around end of exposed beam |    |                                                               |       |
| 06 01 10 91-0020                                                           | SF | 24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap..... | 11.17 |
| Note: Includes forming and bending at edges and around end of exposed beam |    |                                                               |       |

##### 06 01 10 91-0021 Historic Restoration For Retexturing Wood Beams (06 01 10 91)

|                                                                |    |                                                                                      |       |
|----------------------------------------------------------------|----|--------------------------------------------------------------------------------------|-------|
| 06 01 10 91-0022                                               | SF | Retexture Wood Beams To Match Original Historic Appearance.....                      | 37.21 |
| Note: Includes: Retexturing wood surface of beams on (3) sides |    |                                                                                      |       |
| 06 01 10 91-0023                                               | LF | Retexture 3" X 6" Wood Beams On (3) Sides To Match Original Historic Appearance..... | 46.52 |

#### 06 01 20 Maintenance of Finish Carpentry (06 01)

##### 06 01 20 91 Finish Carpentry Restoration (06 01 20)

##### 06 01 20 91-0001 Wood Trim Repair (06 01 20 91)

|                                                                                               |    |                                                  |      |
|-----------------------------------------------------------------------------------------------|----|--------------------------------------------------|------|
| 06 01 20 91-0002                                                                              | SF | Restoration Of Existing Decorative Woodwork..... | 8.34 |
| Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing. |    |                                                  |      |

#### 06 01 40 Maintenance of Architectural Woodwork (06 01)

##### 06 01 40 91 Architectural Woodwork Restoration (06 01 40)

##### 06 01 40 91-0001 Cabinet Hardware Replacement (06 01 40 91)

|                  |    |                                                                                                     |       |
|------------------|----|-----------------------------------------------------------------------------------------------------|-------|
| 06 01 40 91-0002 | EA | Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges..... | 43.67 |
| 06 01 40 91-0003 | EA | Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges.....                                | 40.63 |

**06 Wood, Plastics, and Composites****06 01 Maintenance of Wood, Plastics, and Composites****06 01 40 Maintenance of Architectural Woodwork**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**06 05 Common Work Results for Wood, Plastics, and Composites (06)****06 05 23 Wood, Plastic, and Composite Fastenings (06 05)**

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

**06 05 23 00-0001 Threaded Anchor Bolts (06 05 23)**

Note: Threaded on two ends with two nuts and flat washers.

|                  |                                                            |        |  |
|------------------|------------------------------------------------------------|--------|--|
| 06 05 23 00-0002 | EA 1/2" Diameter x 4" Long, Threaded Anchor Bolt .....     | 16.99  |  |
|                  | For >10 To 50, Deduct .....                                | -0.39  |  |
|                  | For >50 To 100, Deduct .....                               | -1.01  |  |
|                  | For >100 To 250, Deduct .....                              | -2.01  |  |
|                  | For >250 To 500, Deduct .....                              | -3.41  |  |
|                  | For >500, Deduct .....                                     | -4.80  |  |
| 06 05 23 00-0003 | EA 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt ..... | 24.68  |  |
|                  | For >10 To 50, Deduct .....                                | -0.42  |  |
|                  | For >50 To 100, Deduct .....                               | -1.24  |  |
|                  | For >100 To 250, Deduct .....                              | -2.49  |  |
|                  | For >250 To 500, Deduct .....                              | -4.15  |  |
|                  | For >500, Deduct .....                                     | -5.81  |  |
| 06 05 23 00-0004 | EA 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt ..... | 27.71  |  |
|                  | For >10 To 50, Deduct .....                                | -0.42  |  |
|                  | For >50 To 100, Deduct .....                               | -1.32  |  |
|                  | For >100 To 250, Deduct .....                              | -2.64  |  |
|                  | For >250 To 500, Deduct .....                              | -4.37  |  |
|                  | For >500, Deduct .....                                     | -6.11  |  |
| 06 05 23 00-0005 | EA 3/4" Diameter x 12" Long, Threaded Anchor Bolt .....    | 60.50  |  |
|                  | For >10 To 50, Deduct .....                                | -0.57  |  |
|                  | For >50 To 100, Deduct .....                               | -2.37  |  |
|                  | For >100 To 250, Deduct .....                              | -4.74  |  |
|                  | For >250 To 500, Deduct .....                              | -7.68  |  |
|                  | For >500, Deduct .....                                     | -10.62 |  |

**06 05 23 00-0006 Framing Anchors (06 05 23)**

Note: Including nails.

|                  |                                                                                                |       |      |
|------------------|------------------------------------------------------------------------------------------------|-------|------|
| 06 05 23 00-0007 | EA 1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34) ..... | 6.90  | 3.25 |
|                  | For >10 To 50, Deduct .....                                                                    | -0.31 |      |
|                  | For >50 To 100, Deduct .....                                                                   | -0.64 |      |
|                  | For >100 To 250, Deduct .....                                                                  | -1.28 |      |
|                  | For >250 To 500, Deduct .....                                                                  | -2.22 |      |
|                  | For >500, Deduct .....                                                                         | -3.17 |      |
| 06 05 23 00-0008 | EA 1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35) ..... | 7.70  | 3.58 |
|                  | For >10 To 50, Deduct .....                                                                    | -0.35 |      |
|                  | For >50 To 100, Deduct .....                                                                   | -0.72 |      |
|                  | For >100 To 250, Deduct .....                                                                  | -1.43 |      |
|                  | For >250 To 500, Deduct .....                                                                  | -2.49 |      |
|                  | For >500, Deduct .....                                                                         | -3.56 |      |

**06 05 23 00-0009 Angle Anchors (06 05 23)**

Note: Including nails.

|                  |                                                                                                      |       |      |
|------------------|------------------------------------------------------------------------------------------------------|-------|------|
| 06 05 23 00-0010 | EA 2" x 1-1/2" x 2-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21) .....       | 6.99  | 3.25 |
|                  | For >10 To 50, Deduct .....                                                                          | -0.31 |      |
|                  | For >50 To 100, Deduct .....                                                                         | -0.64 |      |
|                  | For >100 To 250, Deduct .....                                                                        | -1.28 |      |
|                  | For >250 To 500, Deduct .....                                                                        | -2.23 |      |
|                  | For >500, Deduct .....                                                                               | -3.18 |      |
| 06 05 23 00-0011 | EA 2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23) .....       | 7.67  | 3.47 |
|                  | For >10 To 50, Deduct .....                                                                          | -0.33 |      |
|                  | For >50 To 100, Deduct .....                                                                         | -0.69 |      |
|                  | For >100 To 250, Deduct .....                                                                        | -1.38 |      |
|                  | For >250 To 500, Deduct .....                                                                        | -2.39 |      |
|                  | For >500, Deduct .....                                                                               | -3.41 |      |
| 06 05 23 00-0012 | EA 3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24) .....       | 13.39 | 3.58 |
|                  | For >10 To 50, Deduct .....                                                                          | -0.35 |      |
|                  | For >50 To 100, Deduct .....                                                                         | -0.86 |      |
|                  | For >100 To 250, Deduct .....                                                                        | -1.72 |      |
|                  | For >250 To 500, Deduct .....                                                                        | -2.92 |      |
|                  | For >500, Deduct .....                                                                               | -4.13 |      |
| 06 05 23 00-0013 | EA 3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33) .....           | 12.04 | 3.58 |
|                  | For >10 To 50, Deduct .....                                                                          | -0.35 |      |
|                  | For >50 To 100, Deduct .....                                                                         | -0.82 |      |
|                  | For >100 To 250, Deduct .....                                                                        | -1.65 |      |
|                  | For >250 To 500, Deduct .....                                                                        | -2.82 |      |
|                  | For >500, Deduct .....                                                                               | -3.99 |      |
| 06 05 23 00-0014 | EA 4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44) ..... | 13.16 | 4.02 |
|                  | For >10 To 50, Deduct .....                                                                          | -0.38 |      |
|                  | For >50 To 100, Deduct .....                                                                         | -0.91 |      |
|                  | For >100 To 250, Deduct .....                                                                        | -1.81 |      |
|                  | For >250 To 500, Deduct .....                                                                        | -3.10 |      |
|                  | For >500, Deduct .....                                                                               | -4.39 |      |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0015 | EA  |     | 5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66).....                                | 14.93                  | 4.23                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.41                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.99                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -3.39                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -4.80                  |                      |
| 06 05 23 00-0016 |     |     | Reinforcing Angle Wood Construction Connectors (06 05 23)                                                                     |                        |                      |
|                  |     |     | Note: Including nails.                                                                                                        |                        |                      |
| 06 05 23 00-0017 | EA  |     | 3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30) .....              | 7.71                   | 3.04                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.31                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.66                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.32                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.28                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.25                  |                      |
| 06 05 23 00-0018 | EA  |     | 5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50) .....              | 9.56                   | 3.25                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.33                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.73                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.46                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.52                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.58                  |                      |
| 06 05 23 00-0019 | EA  |     | 7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70) .....              | 10.90                  | 3.36                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.34                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.78                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.68                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.80                  |                      |
| 06 05 23 00-0020 | EA  |     | 9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90) .....              | 12.13                  | 3.47                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.84                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.67                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.87                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -4.06                  |                      |
| 06 05 23 00-0021 | EA  |     | 3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)..... | 8.44                   | 3.04                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.31                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.68                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.35                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.34                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.32                  |                      |
| 06 05 23 00-0022 | EA  |     | 4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)..... | 9.31                   | 3.25                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.33                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.73                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.45                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.51                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.56                  |                      |
| 06 05 23 00-0023 | EA  |     | 6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)..... | 10.84                  | 3.36                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.34                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.78                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.68                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -3.80                  |                      |
| 06 05 23 00-0024 | EA  |     | 7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)..... | 12.90                  | 3.47                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -0.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -0.86                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -1.71                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -2.93                  |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -4.14                  |                      |
| 06 05 23 00-0025 |     |     | Hold Down Anchors (06 05 23)                                                                                                  |                        |                      |
|                  |     |     | Note: Including nails.                                                                                                        |                        |                      |
| 06 05 23 00-0026 | EA  |     | 8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B).....                      | 56.12                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -1.68                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -3.92                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -7.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -13.45                 |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -19.06                 |                      |
| 06 05 23 00-0027 | EA  |     | 9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B).....                      | 78.93                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -1.74                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -4.58                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -9.15                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -15.46                 |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -21.77                 |                      |
| 06 05 23 00-0028 | EA  |     | 12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B).....                     | 97.52                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                                                         | -1.84                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                        | -5.20                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                       | -10.41                 |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                       | -17.46                 |                      |
|                  |     |     | For >500, Deduct                                                                                                              | -24.50                 |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0029 | EA  | 14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B) .....                                  | 115.16                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.06                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -5.97                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -11.94                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -19.97                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -28.00                    |                         |
| 06 05 23 00-0030 | EA  | 20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....                              | 186.95                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.60                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -8.58                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -17.16                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -28.34                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -39.52                    |                         |
| 06 05 23 00-0031 | EA  | 24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....                               | 252.22                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.71                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -10.37                    |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -20.75                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -33.83                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -46.91                    |                         |
| 06 05 23 00-0032 | EA  | 8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....  | 66.23                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -1.68                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -4.18                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -8.35                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -14.21                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -20.07                    |                         |
| 06 05 23 00-0033 | EA  | 10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)..... | 73.35                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -1.74                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -4.44                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -8.87                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -15.04                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -21.22                    |                         |
| 06 05 23 00-0034 | EA  | 13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....  | 82.22                     |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -1.84                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -4.82                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -9.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -16.31                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -22.97                    |                         |
| 06 05 23 00-0035 | EA  | 16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....   | 101.62                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.06                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -5.63                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -11.26                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -18.95                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -26.65                    |                         |
| 06 05 23 00-0036 | EA  | 22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....  | 130.90                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.60                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -7.18                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -14.35                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -24.13                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -33.91                    |                         |
| 06 05 23 00-0037 | EA  | 25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)..... | 146.34                    |                         |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -2.71                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -7.73                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -15.45                    |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -25.89                    |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -36.33                    |                         |
| 06 05 23 00-0038 |     | <b>Joist And Beam Hangers</b> (06 05 23)<br>Note: Including nails.                                                                     |                           |                         |
| 06 05 23 00-0039 | EA  | 18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....                  | 7.36                      | 3.04                    |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -0.31                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -0.65                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -1.30                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -2.26                     |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -3.22                     |                         |
| 06 05 23 00-0040 | EA  | 18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....     | 8.20                      | 3.25                    |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -0.33                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -0.70                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -1.40                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -2.42                     |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -3.45                     |                         |
| 06 05 23 00-0041 | EA  | 16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36) .....    | 11.57                     | 3.36                    |
|                  |     | For >10 To 50, Deduct .....                                                                                                            | -0.34                     |                         |
|                  |     | For >50 To 100, Deduct .....                                                                                                           | -0.80                     |                         |
|                  |     | For >100 To 250, Deduct .....                                                                                                          | -1.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                                                                                          | -2.73                     |                         |
|                  |     | For >500, Deduct .....                                                                                                                 | -3.87                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0042 | EA  |     | 16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)..... | 12.60                  | 3.47                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -0.85                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -1.70                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -2.90                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -4.11                  |                      |
| 06 05 23 00-0043 | EA  |     | 14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46).....    | 19.37                  | 3.68                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.37                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -1.03                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -2.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -3.47                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -4.87                  |                      |
| 06 05 23 00-0044 | EA  |     | 14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)..... | 23.12                  | 3.80                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.38                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -1.14                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -2.28                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -3.80                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -5.32                  |                      |
| 06 05 23 00-0045 |     |     | Anchor And Ties (06 05 23)                                                                                                            |                        |                      |
|                  |     |     | Note: Including nails.                                                                                                                |                        |                      |
| 06 05 23 00-0046 | EA  |     | 12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....                                                  | 35.44                  |                      |
|                  |     |     | Note: Includes nails. Excludes anchor bolt.                                                                                           |                        |                      |
| 06 05 23 00-0047 | EA  |     | 16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....                                                      | 43.90                  |                      |
|                  |     |     | Note: Includes nails. Excludes anchor bolt.                                                                                           |                        |                      |
| 06 05 23 00-0048 | EA  |     | 16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ).....                                                      | 4.65                   |                      |
| 06 05 23 00-0049 | EA  |     | 16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ).....                                                      | 5.24                   |                      |
| 06 05 23 00-0050 |     |     | Hurricane Ties (06 05 23)                                                                                                             |                        |                      |
| 06 05 23 00-0051 | EA  |     | 6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A).....                                         | 8.03                   | 3.36                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.37                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -0.76                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -1.52                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -2.66                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -3.80                  |                      |
| 06 05 23 00-0052 | EA  |     | 6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ).....                                   | 2.93                   |                      |
| 06 05 23 00-0053 | EA  |     | 6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS).....                                         | 8.05                   |                      |
| 06 05 23 00-0054 | EA  |     | 10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A).....                                     | 9.93                   | 3.36                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.37                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -0.81                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -1.62                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -2.80                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -3.99                  |                      |
| 06 05 23 00-0055 | EA  |     | 19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....                                      | 16.82                  |                      |
| 06 05 23 00-0056 |     |     | Post Column Bases (06 05 23)                                                                                                          |                        |                      |
|                  |     |     | Note: Including nails.                                                                                                                |                        |                      |
| 06 05 23 00-0057 | EA  |     | Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44).....                                                | 33.05                  |                      |
| 06 05 23 00-0058 | EA  |     | Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46).....                                                | 50.30                  |                      |
| 06 05 23 00-0059 | EA  |     | Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66).....                                                | 51.78                  |                      |
| 06 05 23 00-0060 |     |     | Post Column Caps (06 05 23)                                                                                                           |                        |                      |
|                  |     |     | Note: Including nails.                                                                                                                |                        |                      |
| 06 05 23 00-0061 | EA  |     | 4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4).....                                                 | 17.17                  | 3.80                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.42                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -1.06                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -2.11                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -3.58                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -5.06                  |                      |
| 06 05 23 00-0062 | EA  |     | 6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6).....                                                 | 38.01                  | 3.80                 |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -0.44                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -1.61                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -3.22                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -5.27                  |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -7.33                  |                      |
| 06 05 23 00-0063 | EA  |     | 3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4).....                                  | 189.97                 |                      |
|                  |     |     | Note: Excludes field welding                                                                                                          |                        |                      |
|                  |     |     | For >10 To 50, Deduct                                                                                                                 | -1.08                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                                                                | -6.38                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                                                               | -12.75                 |                      |
|                  |     |     | For >250 To 500, Deduct                                                                                                               | -20.21                 |                      |
|                  |     |     | For >500, Deduct                                                                                                                      | -27.67                 |                      |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                                                        | 75.73                  |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI UOM DESCRIPTION                                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0064 EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6) ..... | 198.63                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.22                     |                         |
| For >50 To 100, Deduct                                                                                                    | -6.80                     |                         |
| For >100 To 250, Deduct                                                                                                   | -13.59                    |                         |
| For >250 To 500, Deduct                                                                                                   | -21.61                    |                         |
| For >500, Deduct                                                                                                          | -29.62                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 78.40                     |                         |
| 06 05 23 00-0065 EA 4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) .....          | 122.55                    |                         |
| Note: Excludes field welding                                                                                              |                           |                         |
| For >10 To 50, Deduct                                                                                                     | -1.08                     |                         |
| For >50 To 100, Deduct                                                                                                    | -4.69                     |                         |
| For >100 To 250, Deduct                                                                                                   | -9.38                     |                         |
| For >250 To 500, Deduct                                                                                                   | -15.16                    |                         |
| For >500, Deduct                                                                                                          | -20.93                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 45.39                     |                         |
| 06 05 23 00-0066 EA 4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46) .....          | 194.53                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.22                     |                         |
| For >50 To 100, Deduct                                                                                                    | -6.69                     |                         |
| For >100 To 250, Deduct                                                                                                   | -13.39                    |                         |
| For >250 To 500, Deduct                                                                                                   | -21.30                    |                         |
| For >500, Deduct                                                                                                          | -29.21                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 76.56                     |                         |
| 06 05 23 00-0067 EA 4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) .....          | 203.38                    |                         |
| Note: Excludes field welding                                                                                              |                           |                         |
| For >10 To 50, Deduct                                                                                                     | -1.22                     |                         |
| For >50 To 100, Deduct                                                                                                    | -6.91                     |                         |
| For >100 To 250, Deduct                                                                                                   | -13.83                    |                         |
| For >250 To 500, Deduct                                                                                                   | -21.96                    |                         |
| For >500, Deduct                                                                                                          | -30.10                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 80.54                     |                         |
| 06 05 23 00-0068 EA 6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64) .....          | 207.84                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.17                     |                         |
| For >50 To 100, Deduct                                                                                                    | -6.95                     |                         |
| For >100 To 250, Deduct                                                                                                   | -13.89                    |                         |
| For >250 To 500, Deduct                                                                                                   | -22.00                    |                         |
| For >500, Deduct                                                                                                          | -30.11                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 83.03                     |                         |
| 06 05 23 00-0069 EA 6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66) .....          | 210.01                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                                    | -7.16                     |                         |
| For >100 To 250, Deduct                                                                                                   | -14.32                    |                         |
| For >250 To 500, Deduct                                                                                                   | -22.76                    |                         |
| For >500, Deduct                                                                                                          | -31.20                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 83.03                     |                         |
| 06 05 23 00-0070 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68) .....          | 210.01                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                                    | -7.16                     |                         |
| For >100 To 250, Deduct                                                                                                   | -14.32                    |                         |
| For >250 To 500, Deduct                                                                                                   | -22.76                    |                         |
| For >500, Deduct                                                                                                          | -31.20                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 83.03                     |                         |
| 06 05 23 00-0071 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4) ..... | 242.57                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.17                     |                         |
| For >50 To 100, Deduct                                                                                                    | -7.81                     |                         |
| For >100 To 250, Deduct                                                                                                   | -15.63                    |                         |
| For >250 To 500, Deduct                                                                                                   | -24.61                    |                         |
| For >500, Deduct                                                                                                          | -33.59                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 98.66                     |                         |
| 06 05 23 00-0072 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6) ..... | 244.74                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                                    | -8.03                     |                         |
| For >100 To 250, Deduct                                                                                                   | -16.06                    |                         |
| For >250 To 500, Deduct                                                                                                   | -25.37                    |                         |
| For >500, Deduct                                                                                                          | -34.67                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 98.66                     |                         |
| 06 05 23 00-0073 EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8) ..... | 244.74                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                                    | -8.03                     |                         |
| For >100 To 250, Deduct                                                                                                   | -16.06                    |                         |
| For >250 To 500, Deduct                                                                                                   | -25.37                    |                         |
| For >500, Deduct                                                                                                          | -34.67                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 98.66                     |                         |
| 06 05 23 00-0074 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84) .....          | 296.36                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.17                     |                         |
| For >50 To 100, Deduct                                                                                                    | -9.16                     |                         |
| For >100 To 250, Deduct                                                                                                   | -18.32                    |                         |
| For >250 To 500, Deduct                                                                                                   | -28.64                    |                         |
| For >500, Deduct                                                                                                          | -38.96                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 122.87                    |                         |
| 06 05 23 00-0075 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86) .....          | 298.53                    |                         |
| For >10 To 50, Deduct                                                                                                     | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                                    | -9.38                     |                         |
| For >100 To 250, Deduct                                                                                                   | -18.75                    |                         |
| For >250 To 500, Deduct                                                                                                   | -29.40                    |                         |
| For >500, Deduct                                                                                                          | -40.05                    |                         |
| For Hot Dipped Galvanized, Add                                                                                            | 122.87                    |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0076 | EA  |     | 8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88).....               | 298.53                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -9.38                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -18.75                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -29.40                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -40.05                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 122.87                    |                         |
| 06 05 23 00-0077 | EA  |     | 3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4)..... | 189.97                    |                         |
|                  |     |     | Note: Excludes field welding                                                                              |                           |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.08                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -6.38                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -12.75                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -20.21                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -27.67                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 75.73                     |                         |
| 06 05 23 00-0078 | EA  |     | 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)..... | 198.63                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.22                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -6.80                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -13.59                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -21.61                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -29.62                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 78.40                     |                         |
| 06 05 23 00-0079 | EA  |     | 4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44).....          | 122.55                    |                         |
|                  |     |     | Note: Excludes field welding                                                                              |                           |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.08                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -4.69                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -9.38                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -15.16                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -20.93                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 45.39                     |                         |
| 06 05 23 00-0080 | EA  |     | 4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46).....          | 194.53                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.22                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -6.69                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -13.39                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -21.30                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -29.21                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 76.56                     |                         |
| 06 05 23 00-0081 | EA  |     | 4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48).....          | 203.38                    |                         |
|                  |     |     | Note: Excludes field welding                                                                              |                           |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.22                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -6.91                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -13.83                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -21.96                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -30.10                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 80.54                     |                         |
| 06 05 23 00-0082 | EA  |     | 6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64).....          | 207.84                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.17                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -6.95                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -13.89                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -22.00                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -30.11                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 83.03                     |                         |
| 06 05 23 00-0083 | EA  |     | 6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66).....          | 210.01                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -7.16                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -14.32                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -22.76                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -31.20                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 83.03                     |                         |
| 06 05 23 00-0084 | EA  |     | 6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....          | 210.01                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -7.16                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -14.32                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -22.76                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -31.20                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 83.03                     |                         |
| 06 05 23 00-0085 | EA  |     | 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)..... | 242.57                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.17                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -7.81                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -15.63                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -24.61                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -33.59                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 98.66                     |                         |
| 06 05 23 00-0086 | EA  |     | 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)..... | 244.74                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -8.03                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -16.06                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -25.37                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -34.67                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 98.66                     |                         |
| 06 05 23 00-0087 | EA  |     | 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)..... | 244.74                    |                         |
|                  |     |     | For >10 To 50, Deduct                                                                                     | -1.27                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                    | -8.03                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                                   | -16.06                    |                         |
|                  |     |     | For >250 To 500, Deduct                                                                                   | -25.37                    |                         |
|                  |     |     | For >500, Deduct                                                                                          | -34.67                    |                         |
|                  |     |     | For Hot Dipped Galvanized, Add                                                                            | 98.66                     |                         |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI UOM DESCRIPTION                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0088 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)..... | 296.36                    |                         |
| For >10 To 50, Deduct                                                                                                | -1.17                     |                         |
| For >50 To 100, Deduct                                                                                               | -9.16                     |                         |
| For >100 To 250, Deduct                                                                                              | -18.32                    |                         |
| For >250 To 500, Deduct                                                                                              | -28.64                    |                         |
| For >500, Deduct                                                                                                     | -38.96                    |                         |
| For Hot Dipped Galvanized, Add                                                                                       | 122.87                    |                         |
| 06 05 23 00-0089 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)..... | 298.53                    |                         |
| For >10 To 50, Deduct                                                                                                | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                               | -9.38                     |                         |
| For >100 To 250, Deduct                                                                                              | -18.75                    |                         |
| For >250 To 500, Deduct                                                                                              | -29.40                    |                         |
| For >500, Deduct                                                                                                     | -40.05                    |                         |
| For Hot Dipped Galvanized, Add                                                                                       | 122.87                    |                         |
| 06 05 23 00-0090 EA 8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)..... | 298.53                    |                         |
| For >10 To 50, Deduct                                                                                                | -1.27                     |                         |
| For >50 To 100, Deduct                                                                                               | -9.38                     |                         |
| For >100 To 250, Deduct                                                                                              | -18.75                    |                         |
| For >250 To 500, Deduct                                                                                              | -29.40                    |                         |
| For >500, Deduct                                                                                                     | -40.05                    |                         |
| For Hot Dipped Galvanized, Add                                                                                       | 122.87                    |                         |
| <b>06 05 23 00-0091 Rafter Connectors (06 05 23)</b>                                                                 |                           |                         |
| 06 05 23 00-0092 EA Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR).....                     | 9.64                      | 3.36                    |
| For >10 To 50, Deduct                                                                                                | -0.37                     |                         |
| For >50 To 100, Deduct                                                                                               | -0.80                     |                         |
| For >100 To 250, Deduct                                                                                              | -1.60                     |                         |
| For >250 To 500, Deduct                                                                                              | -2.78                     |                         |
| For >500, Deduct                                                                                                     | -3.96                     |                         |
| <b>06 05 23 00-0093 Bolts And Fasteners (06 05 23)</b>                                                               |                           |                         |
| <b>06 05 23 00-0094 Carriage Bolts (06 05 23 00-0093)</b>                                                            |                           |                         |
| Note: Includes drilling of holes in any material. Includes nut and washer.                                           |                           |                         |
| <b>06 05 23 00-0095 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)</b>                     |                           |                         |
| 06 05 23 00-0096 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 14.54                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.71                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.42                     |                         |
| For >100 To 250, Deduct                                                                                              | -2.84                     |                         |
| For >250 To 500, Deduct                                                                                              | -4.97                     |                         |
| For >500, Deduct                                                                                                     | -7.09                     |                         |
| 06 05 23 00-0097 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 14.74                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.71                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.43                     |                         |
| For >100 To 250, Deduct                                                                                              | -2.85                     |                         |
| For >250 To 500, Deduct                                                                                              | -4.98                     |                         |
| For >500, Deduct                                                                                                     | -7.11                     |                         |
| 06 05 23 00-0098 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 14.86                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.71                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.43                     |                         |
| For >100 To 250, Deduct                                                                                              | -2.86                     |                         |
| For >250 To 500, Deduct                                                                                              | -4.99                     |                         |
| For >500, Deduct                                                                                                     | -7.13                     |                         |
| 06 05 23 00-0099 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 17.38                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.81                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.65                     |                         |
| For >100 To 250, Deduct                                                                                              | -3.31                     |                         |
| For >250 To 500, Deduct                                                                                              | -5.78                     |                         |
| For >500, Deduct                                                                                                     | -8.25                     |                         |
| 06 05 23 00-0100 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 16.14                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.76                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.54                     |                         |
| For >100 To 250, Deduct                                                                                              | -3.08                     |                         |
| For >250 To 500, Deduct                                                                                              | -5.39                     |                         |
| For >500, Deduct                                                                                                     | -7.69                     |                         |
| 06 05 23 00-0101 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 17.55                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.81                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.66                     |                         |
| For >100 To 250, Deduct                                                                                              | -3.32                     |                         |
| For >250 To 500, Deduct                                                                                              | -5.79                     |                         |
| For >500, Deduct                                                                                                     | -8.26                     |                         |
| 06 05 23 00-0102 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 17.86                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.81                     |                         |
| For >50 To 100, Deduct                                                                                               | -1.67                     |                         |
| For >100 To 250, Deduct                                                                                              | -3.33                     |                         |
| For >250 To 500, Deduct                                                                                              | -5.81                     |                         |
| For >500, Deduct                                                                                                     | -8.29                     |                         |
| 06 05 23 00-0103 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....             | 21.34                     |                         |
| For >10 To 50, Deduct                                                                                                | -0.98                     |                         |
| For >50 To 100, Deduct                                                                                               | -2.00                     |                         |
| For >100 To 250, Deduct                                                                                              | -4.00                     |                         |
| For >250 To 500, Deduct                                                                                              | -6.97                     |                         |
| For >500, Deduct                                                                                                     | -9.94                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0104 | EA  |     | 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 23.36                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.03                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.13                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -4.26                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -7.42                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -10.58                 |                      |
| 06 05 23 00-0105 | EA  |     | 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 26.46                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.14                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.37                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -4.74                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -8.25                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -11.75                 |                      |
| 06 05 23 00-0106 | EA  |     | 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 18.21                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -0.81                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -1.68                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -3.35                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -5.84                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -8.33                  |                      |
| 06 05 23 00-0107 | EA  |     | 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 20.11                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -0.87                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -1.80                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -3.61                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -6.28                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -8.96                  |                      |
| 06 05 23 00-0108 | EA  |     | 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 21.44                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -0.92                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -1.92                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -3.84                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -6.68                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -9.52                  |                      |
| 06 05 23 00-0109 | EA  |     | 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 24.06                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.03                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.15                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -4.29                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -7.47                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -10.65                 |                      |
| 06 05 23 00-0110 | EA  |     | 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 28.40                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.19                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.50                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -5.00                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -8.69                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -12.38                 |                      |
| 06 05 23 00-0111 | EA  |     | 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 32.03                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.30                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.75                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -5.51                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -9.56                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -13.62                 |                      |
| 06 05 23 00-0112 | EA  |     | 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 25.71                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -0.98                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.11                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -4.21                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -7.30                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -10.38                 |                      |
| 06 05 23 00-0113 | EA  |     | 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 28.05                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.03                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.25                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -4.49                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -7.77                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -11.05                 |                      |
| 06 05 23 00-0114 | EA  |     | 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 33.87                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.19                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.64                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -5.27                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -9.10                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -12.93                 |                      |
| 06 05 23 00-0115 | EA  |     | 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....  | 38.65                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.25                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -2.84                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -5.68                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -9.76                  |                      |
|                  |     |     | For >500, Deduct                                                                      | -13.85                 |                      |
| 06 05 23 00-0116 | EA  |     | 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 41.95                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -3.08                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -6.16                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -10.60                 |                      |
|                  |     |     | For >500, Deduct                                                                      | -15.04                 |                      |
| 06 05 23 00-0117 | EA  |     | 3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt..... | 42.62                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                 | -1.41                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                | -3.18                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                               | -6.36                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                               | -10.95                 |                      |
|                  |     |     | For >500, Deduct                                                                      | -15.54                 |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                     |        |
|------------------|-----------------------------------------------------------------------------------------------------|--------|
| 06 05 23 00-0118 | Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)                  |        |
| 06 05 23 00-0119 | EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 14.89  |
|                  | For >10 To 50, Deduct                                                                               | -0.71  |
|                  | For >50 To 100, Deduct                                                                              | -1.43  |
|                  | For >100 To 250, Deduct                                                                             | -2.86  |
|                  | For >250 To 500, Deduct                                                                             | -4.99  |
|                  | For >500, Deduct                                                                                    | -7.13  |
| 06 05 23 00-0120 | EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 15.25  |
|                  | For >10 To 50, Deduct                                                                               | -0.71  |
|                  | For >50 To 100, Deduct                                                                              | -1.44  |
|                  | For >100 To 250, Deduct                                                                             | -2.88  |
|                  | For >250 To 500, Deduct                                                                             | -5.02  |
|                  | For >500, Deduct                                                                                    | -7.17  |
| 06 05 23 00-0121 | EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 15.66  |
|                  | For >10 To 50, Deduct                                                                               | -0.71  |
|                  | For >50 To 100, Deduct                                                                              | -1.45  |
|                  | For >100 To 250, Deduct                                                                             | -2.90  |
|                  | For >250 To 500, Deduct                                                                             | -5.05  |
|                  | For >500, Deduct                                                                                    | -7.21  |
| 06 05 23 00-0122 | EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 18.73  |
|                  | For >10 To 50, Deduct                                                                               | -0.81  |
|                  | For >50 To 100, Deduct                                                                              | -1.69  |
|                  | For >100 To 250, Deduct                                                                             | -3.38  |
|                  | For >250 To 500, Deduct                                                                             | -5.88  |
|                  | For >500, Deduct                                                                                    | -8.38  |
| 06 05 23 00-0123 | EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 16.63  |
|                  | For >10 To 50, Deduct                                                                               | -0.76  |
|                  | For >50 To 100, Deduct                                                                              | -1.55  |
|                  | For >100 To 250, Deduct                                                                             | -3.11  |
|                  | For >250 To 500, Deduct                                                                             | -5.42  |
|                  | For >500, Deduct                                                                                    | -7.74  |
| 06 05 23 00-0124 | EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 18.31  |
|                  | For >10 To 50, Deduct                                                                               | -0.81  |
|                  | For >50 To 100, Deduct                                                                              | -1.68  |
|                  | For >100 To 250, Deduct                                                                             | -3.36  |
|                  | For >250 To 500, Deduct                                                                             | -5.85  |
|                  | For >500, Deduct                                                                                    | -8.34  |
| 06 05 23 00-0125 | EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 18.76  |
|                  | For >10 To 50, Deduct                                                                               | -0.81  |
|                  | For >50 To 100, Deduct                                                                              | -1.69  |
|                  | For >100 To 250, Deduct                                                                             | -3.38  |
|                  | For >250 To 500, Deduct                                                                             | -5.88  |
|                  | For >500, Deduct                                                                                    | -8.38  |
| 06 05 23 00-0126 | EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 22.70  |
|                  | For >10 To 50, Deduct                                                                               | -0.98  |
|                  | For >50 To 100, Deduct                                                                              | -2.03  |
|                  | For >100 To 250, Deduct                                                                             | -4.06  |
|                  | For >250 To 500, Deduct                                                                             | -7.07  |
|                  | For >500, Deduct                                                                                    | -10.08 |
| 06 05 23 00-0127 | EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 24.89  |
|                  | For >10 To 50, Deduct                                                                               | -1.03  |
|                  | For >50 To 100, Deduct                                                                              | -2.17  |
|                  | For >100 To 250, Deduct                                                                             | -4.34  |
|                  | For >250 To 500, Deduct                                                                             | -7.53  |
|                  | For >500, Deduct                                                                                    | -10.73 |
| 06 05 23 00-0128 | EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 27.87  |
|                  | For >10 To 50, Deduct                                                                               | -1.14  |
|                  | For >50 To 100, Deduct                                                                              | -2.40  |
|                  | For >100 To 250, Deduct                                                                             | -4.81  |
|                  | For >250 To 500, Deduct                                                                             | -8.35  |
|                  | For >500, Deduct                                                                                    | -11.90 |
| 06 05 23 00-0129 | EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 19.35  |
|                  | For >10 To 50, Deduct                                                                               | -0.81  |
|                  | For >50 To 100, Deduct                                                                              | -1.70  |
|                  | For >100 To 250, Deduct                                                                             | -3.41  |
|                  | For >250 To 500, Deduct                                                                             | -5.93  |
|                  | For >500, Deduct                                                                                    | -8.44  |
| 06 05 23 00-0130 | EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 21.01  |
|                  | For >10 To 50, Deduct                                                                               | -0.87  |
|                  | For >50 To 100, Deduct                                                                              | -1.83  |
|                  | For >100 To 250, Deduct                                                                             | -3.65  |
|                  | For >250 To 500, Deduct                                                                             | -6.35  |
|                  | For >500, Deduct                                                                                    | -9.05  |
| 06 05 23 00-0131 | EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 22.51  |
|                  | For >10 To 50, Deduct                                                                               | -0.92  |
|                  | For >50 To 100, Deduct                                                                              | -1.95  |
|                  | For >100 To 250, Deduct                                                                             | -3.89  |
|                  | For >250 To 500, Deduct                                                                             | -6.76  |
|                  | For >500, Deduct                                                                                    | -9.62  |
| 06 05 23 00-0132 | EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 25.60  |
|                  | For >10 To 50, Deduct                                                                               | -1.03  |
|                  | For >50 To 100, Deduct                                                                              | -2.19  |
|                  | For >100 To 250, Deduct                                                                             | -4.37  |
|                  | For >250 To 500, Deduct                                                                             | -7.59  |
|                  | For >500, Deduct                                                                                    | -10.80 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0133 | EA  |     | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 29.90                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.19                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.54                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -5.07                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -8.80                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -12.53                 |                      |
| 06 05 23 00-0134 | EA  |     | 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 33.19                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.30                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.78                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -5.56                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -9.65                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -13.73                 |                      |
| 06 05 23 00-0135 | EA  |     | 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 29.13                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.98                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.19                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -4.38                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -7.55                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -10.72                 |                      |
| 06 05 23 00-0136 | EA  |     | 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 30.44                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.03                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.31                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -4.61                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -7.95                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -11.29                 |                      |
| 06 05 23 00-0137 | EA  |     | 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 35.56                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.19                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.68                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -5.36                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -9.23                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -13.10                 |                      |
| 06 05 23 00-0138 | EA  |     | 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....  | 38.52                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.25                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.83                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -5.67                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -9.75                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -13.83                 |                      |
| 06 05 23 00-0139 | EA  |     | 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 44.16                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.36                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -3.14                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -6.27                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -10.77                 |                      |
|                  |     |     | For >500, Deduct                                                                                 | -15.26                 |                      |
| 06 05 23 00-0140 | EA  |     | 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt ..... | 47.22                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -1.41                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -3.30                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -6.59                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -11.30                 |                      |
|                  |     |     | For >500, Deduct                                                                                 | -16.00                 |                      |
| 06 05 23 00-0141 |     |     | 304/18-8 Stainless Steel, Carriage Bolts (06 05 23 00-0094)                                      |                        |                      |
| 06 05 23 00-0142 | EA  |     | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....                         | 16.03                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -1.46                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -2.92                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -5.08                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -7.24                  |                      |
| 06 05 23 00-0143 | EA  |     | 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....                         | 18.15                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -1.51                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -3.02                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -5.24                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -7.46                  |                      |
| 06 05 23 00-0144 | EA  |     | 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....                         | 19.53                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.71                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -1.55                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -3.09                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -5.34                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -7.59                  |                      |
| 06 05 23 00-0145 | EA  |     | 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....                         | 36.61                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.81                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -2.14                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -4.27                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -7.22                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -10.17                 |                      |
| 06 05 23 00-0146 | EA  |     | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....                         | 19.07                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                            | -0.76                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                           | -1.62                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                          | -3.23                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                          | -5.60                  |                      |
|                  |     |     | For >500, Deduct                                                                                 | -7.98                  |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0147 | EA  | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 23.23                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.81                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -1.80                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -3.60                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -6.22                     |                         |
|                  |     | For >500, Deduct .....                                                   | -8.83                     |                         |
| 06 05 23 00-0148 | EA  | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 23.89                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.81                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -1.82                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -3.64                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -6.27                     |                         |
|                  |     | For >500, Deduct .....                                                   | -8.90                     |                         |
| 06 05 23 00-0149 | EA  | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 49.22                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.98                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -2.69                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -5.39                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -9.06                     |                         |
|                  |     | For >500, Deduct .....                                                   | -12.73                    |                         |
| 06 05 23 00-0150 | EA  | 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt..... | 61.32                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.03                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -3.08                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -6.16                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -10.27                    |                         |
|                  |     | For >500, Deduct .....                                                   | -14.38                    |                         |
| 06 05 23 00-0151 | EA  | 3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt..... | 68.84                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.14                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -3.43                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -6.86                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -11.42                    |                         |
|                  |     | For >500, Deduct .....                                                   | -15.99                    |                         |
| 06 05 23 00-0152 | EA  | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 25.70                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.81                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -1.86                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -3.73                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -6.40                     |                         |
|                  |     | For >500, Deduct .....                                                   | -9.08                     |                         |
| 06 05 23 00-0153 | EA  | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 29.74                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.87                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -2.05                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -4.09                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -7.00                     |                         |
|                  |     | For >500, Deduct .....                                                   | -9.92                     |                         |
| 06 05 23 00-0154 | EA  | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 37.24                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -0.92                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -2.31                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -4.63                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -7.86                     |                         |
|                  |     | For >500, Deduct .....                                                   | -11.10                    |                         |
| 06 05 23 00-0155 | EA  | 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 63.27                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.03                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -3.13                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -6.26                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -10.41                    |                         |
|                  |     | For >500, Deduct .....                                                   | -14.57                    |                         |
| 06 05 23 00-0156 | EA  | 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt..... | 71.19                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.19                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -3.57                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -7.14                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -11.90                    |                         |
|                  |     | For >500, Deduct .....                                                   | -16.66                    |                         |
| 06 05 23 00-0157 | EA  | 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt..... | 117.09                    |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.30                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -4.88                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -9.76                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -15.94                    |                         |
|                  |     | For >500, Deduct .....                                                   | -22.12                    |                         |
| 06 05 23 00-0158 | EA  | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 90.75                     |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.03                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -3.81                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -7.63                     |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -12.47                    |                         |
|                  |     | For >500, Deduct .....                                                   | -17.32                    |                         |
| 06 05 23 00-0159 | EA  | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 130.98                    |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.19                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -5.06                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -10.13                    |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -16.39                    |                         |
|                  |     | For >500, Deduct .....                                                   | -22.64                    |                         |
| 06 05 23 00-0160 | EA  | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt ..... | 145.84                    |                         |
|                  |     | For >10 To 50, Deduct .....                                              | -1.25                     |                         |
|                  |     | For >50 To 100, Deduct .....                                             | -5.52                     |                         |
|                  |     | For >100 To 250, Deduct .....                                            | -11.03                    |                         |
|                  |     | For >250 To 500, Deduct .....                                            | -17.80                    |                         |
|                  |     | For >500, Deduct .....                                                   | -24.56                    |                         |



| MINOR            | CSI | UOM  | DESCRIPTION                                                                                                                                                                                       | TOTAL DIRECT UNIT COST                                 | DEMOLITION UNIT COST |
|------------------|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------|
| 06 05 23 00-0161 | EA  | 3/4" | Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt .....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 219.78<br>-1.36<br>-7.53<br>-15.06<br>-23.94<br>-32.82 |                      |
| 06 05 23 00-0162 | EA  | 3/4" | Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct | 231.34<br>-1.41<br>-7.90<br>-15.80<br>-25.11<br>-34.41 |                      |
| 06 05 23 00-0163 |     |      | <b>316 Stainless Steel, Carriage Bolts</b> (06 05 23 00-0094)                                                                                                                                     |                                                        |                      |
| 06 05 23 00-0164 | EA  | 1/4" | Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 25.81<br>-0.71<br>-1.70<br>-3.41<br>-5.81<br>-8.22     |                      |
| 06 05 23 00-0165 | EA  | 1/4" | Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 29.52<br>-0.71<br>-1.80<br>-3.59<br>-6.09<br>-8.59     |                      |
| 06 05 23 00-0166 | EA  | 3/8" | Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 31.86<br>-0.76<br>-1.94<br>-3.87<br>-6.56<br>-9.26     |                      |
| 06 05 23 00-0167 | EA  | 3/8" | Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 38.11<br>-0.81<br>-2.17<br>-4.35<br>-7.33<br>-10.32    |                      |
| 06 05 23 00-0168 | EA  | 1/2" | Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 54.63<br>-0.81<br>-2.59<br>-5.17<br>-8.57<br>-11.97    |                      |
| 06 05 23 00-0169 | EA  | 1/2" | Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 59.73<br>-0.87<br>-2.80<br>-5.59<br>-9.25<br>-12.92    |                      |
| 06 05 23 00-0170 | EA  | 1/2" | Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct        | 64.49<br>-0.92<br>-2.99<br>-5.99<br>-9.91<br>-13.82    |                      |
| 06 05 23 00-0171 |     |      | <b>Hex Lag Bolts</b> (06 05 23 00-0093)<br>Note: Includes drilling of holes in any material.                                                                                                      |                                                        |                      |
| 06 05 23 00-0172 |     |      | <b>Zinc Plated Steel, Hex Lag Bolts</b> (06 05 23 00-0171)                                                                                                                                        |                                                        |                      |
| 06 05 23 00-0173 | EA  | 1/4" | Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt .....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct          | 13.83<br>-0.68<br>-1.36<br>-2.73<br>-4.77<br>-6.81     |                      |
| 06 05 23 00-0174 | EA  | 1/4" | Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt .....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct          | 14.00<br>-0.68<br>-1.37<br>-2.73<br>-4.78<br>-6.82     |                      |
| 06 05 23 00-0175 | EA  | 1/4" | Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt .....<br>For >10 To 50, Deduct<br>For >50 To 100, Deduct<br>For >100 To 250, Deduct<br>For >250 To 500, Deduct<br>For >500, Deduct          | 14.34<br>-0.68<br>-1.38<br>-2.75<br>-4.80<br>-6.86     |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0176 | EA  | 3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 15.29                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.74                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.49                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -2.98                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -5.21                     |                         |
|                  |     | For >500, Deduct                                                 | -7.44                     |                         |
| 06 05 23 00-0177 | EA  | 3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 16.67                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.79                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.60                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.21                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -5.60                     |                         |
|                  |     | For >500, Deduct                                                 | -8.00                     |                         |
| 06 05 23 00-0178 | EA  | 3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 17.05                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.79                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.61                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.23                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -5.63                     |                         |
|                  |     | For >500, Deduct                                                 | -8.04                     |                         |
| 06 05 23 00-0179 | EA  | 3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 20.99                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.95                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.95                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.90                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -6.80                     |                         |
|                  |     | For >500, Deduct                                                 | -9.70                     |                         |
| 06 05 23 00-0180 | EA  | 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt..... | 22.26                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.00                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.06                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -4.12                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -7.18                     |                         |
|                  |     | For >500, Deduct                                                 | -10.25                    |                         |
| 06 05 23 00-0181 | EA  | 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 17.04                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.80                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.62                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.24                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -5.66                     |                         |
|                  |     | For >500, Deduct                                                 | -8.08                     |                         |
| 06 05 23 00-0182 | EA  | 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 18.64                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.85                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.74                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.48                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -6.08                     |                         |
|                  |     | For >500, Deduct                                                 | -8.67                     |                         |
| 06 05 23 00-0183 | EA  | 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 20.41                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -0.90                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -1.87                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -3.73                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -6.50                     |                         |
|                  |     | For >500, Deduct                                                 | -9.27                     |                         |
| 06 05 23 00-0184 | EA  | 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 23.34                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.01                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.10                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -4.20                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -7.31                     |                         |
|                  |     | For >500, Deduct                                                 | -10.41                    |                         |
| 06 05 23 00-0185 | EA  | 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt..... | 27.63                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.17                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.45                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -4.89                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -8.51                     |                         |
|                  |     | For >500, Deduct                                                 | -12.12                    |                         |
| 06 05 23 00-0186 | EA  | 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt..... | 30.15                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.28                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.67                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -5.34                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -9.28                     |                         |
|                  |     | For >500, Deduct                                                 | -13.22                    |                         |
| 06 05 23 00-0187 | EA  | 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 25.63                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.01                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.16                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -4.31                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -7.48                     |                         |
|                  |     | For >500, Deduct                                                 | -10.64                    |                         |
| 06 05 23 00-0188 | EA  | 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 30.80                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.17                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.53                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -5.05                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -8.75                     |                         |
|                  |     | For >500, Deduct                                                 | -12.44                    |                         |
| 06 05 23 00-0189 | EA  | 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....  | 34.46                     |                         |
|                  |     | For >10 To 50, Deduct                                            | -1.22                     |                         |
|                  |     | For >50 To 100, Deduct                                           | -2.70                     |                         |
|                  |     | For >100 To 250, Deduct                                          | -5.39                     |                         |
|                  |     | For >250 To 500, Deduct                                          | -9.31                     |                         |
|                  |     | For >500, Deduct                                                 | -13.23                    |                         |





| MINOR            | CSI | UOM  | DESCRIPTION                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------|-----------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0190 | EA  | 3/4" | Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....           | 38.98                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -1.33                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -2.97                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -5.94                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -10.23                 |                      |
|                  |     |      | For >500, Deduct                                                      | -14.53                 |                      |
| 06 05 23 00-0191 | EA  | 3/4" | Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....           | 44.23                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -1.38                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -3.18                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -6.36                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -10.92                 |                      |
|                  |     |      | For >500, Deduct                                                      | -15.48                 |                      |
| 06 05 23 00-0192 |     |      | Hot Dipped Galvanized Steel, Hex Lag Bolts (06 05 23 00-0171)         |                        |                      |
| 06 05 23 00-0193 | EA  | 1/4" | Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 3.91                   |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.68                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.36                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -2.73                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -4.77                  |                      |
|                  |     |      | For >500, Deduct                                                      | -6.82                  |                      |
| 06 05 23 00-0194 | EA  | 1/4" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 14.17                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.68                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.37                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -2.74                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -4.79                  |                      |
|                  |     |      | For >500, Deduct                                                      | -6.84                  |                      |
| 06 05 23 00-0195 | EA  | 1/4" | Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 14.44                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.68                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.38                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -2.76                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -4.81                  |                      |
|                  |     |      | For >500, Deduct                                                      | -6.87                  |                      |
| 06 05 23 00-0196 | EA  | 3/8" | Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 15.44                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.74                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.49                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -2.99                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -5.22                  |                      |
|                  |     |      | For >500, Deduct                                                      | -7.46                  |                      |
| 06 05 23 00-0197 | EA  | 3/8" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 16.90                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.79                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.61                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.22                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -5.62                  |                      |
|                  |     |      | For >500, Deduct                                                      | -8.02                  |                      |
| 06 05 23 00-0198 | EA  | 3/8" | Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 17.32                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.79                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.62                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.24                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -5.65                  |                      |
|                  |     |      | For >500, Deduct                                                      | -8.06                  |                      |
| 06 05 23 00-0199 | EA  | 3/8" | Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 21.50                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.95                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.96                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.93                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -6.84                  |                      |
|                  |     |      | For >500, Deduct                                                      | -9.75                  |                      |
| 06 05 23 00-0200 | EA  | 3/8" | Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt..... | 23.12                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -1.00                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -2.08                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -4.16                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -7.25                  |                      |
|                  |     |      | For >500, Deduct                                                      | -10.33                 |                      |
| 06 05 23 00-0201 | EA  | 1/2" | Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 17.42                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.80                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.63                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.26                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -5.69                  |                      |
|                  |     |      | For >500, Deduct                                                      | -8.12                  |                      |
| 06 05 23 00-0202 | EA  | 1/2" | Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 18.86                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.85                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.75                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.49                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -6.09                  |                      |
|                  |     |      | For >500, Deduct                                                      | -8.69                  |                      |
| 06 05 23 00-0203 | EA  | 1/2" | Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 20.79                  |                      |
|                  |     |      | For >10 To 50, Deduct                                                 | -0.90                  |                      |
|                  |     |      | For >50 To 100, Deduct                                                | -1.88                  |                      |
|                  |     |      | For >100 To 250, Deduct                                               | -3.75                  |                      |
|                  |     |      | For >250 To 500, Deduct                                               | -6.53                  |                      |
|                  |     |      | For >500, Deduct                                                      | -9.31                  |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0204 | EA  | 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 24.50                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.01                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.13                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -4.26                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -7.39                     |                         |
|                  |     | For >500, Deduct                                                           | -10.53                    |                         |
| 06 05 23 00-0205 | EA  | 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt..... | 28.19                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.17                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.46                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -4.92                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -8.55                     |                         |
|                  |     | For >500, Deduct                                                           | -12.18                    |                         |
| 06 05 23 00-0206 | EA  | 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt..... | 31.53                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.28                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.70                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -5.40                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -9.38                     |                         |
|                  |     | For >500, Deduct                                                           | -13.36                    |                         |
| 06 05 23 00-0207 | EA  | 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 26.49                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.01                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.18                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -4.35                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -7.54                     |                         |
|                  |     | For >500, Deduct                                                           | -10.73                    |                         |
| 06 05 23 00-0208 | EA  | 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 31.58                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.17                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.54                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -5.09                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -8.80                     |                         |
|                  |     | For >500, Deduct                                                           | -12.52                    |                         |
| 06 05 23 00-0209 | EA  | 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....  | 35.76                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.22                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -2.73                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -5.46                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -9.41                     |                         |
|                  |     | For >500, Deduct                                                           | -13.36                    |                         |
| 06 05 23 00-0210 | EA  | 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt..... | 42.04                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.33                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -3.04                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -6.09                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -10.46                    |                         |
|                  |     | For >500, Deduct                                                           | -14.84                    |                         |
| 06 05 23 00-0211 | EA  | 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt..... | 47.52                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -1.38                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -3.26                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -6.52                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -11.17                    |                         |
|                  |     | For >500, Deduct                                                           | -15.81                    |                         |
| 06 05 23 00-0212 |     | <b>304/18-8 Stainless Steel, Hex Lag Bolts</b> (06 05 23 00-0171)          |                           |                         |
| 06 05 23 00-0213 | EA  | 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....     | 14.89                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -0.68                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -1.39                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -2.78                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -4.85                     |                         |
|                  |     | For >500, Deduct                                                           | -6.91                     |                         |
| 06 05 23 00-0214 | EA  | 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....     | 15.88                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -0.68                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -1.41                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -2.83                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -4.92                     |                         |
|                  |     | For >500, Deduct                                                           | -7.01                     |                         |
| 06 05 23 00-0215 | EA  | 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....     | 18.58                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -0.68                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -1.48                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -2.96                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -5.12                     |                         |
|                  |     | For >500, Deduct                                                           | -7.28                     |                         |
| 06 05 23 00-0216 | EA  | 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....     | 18.18                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -0.74                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -1.56                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -3.13                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -5.43                     |                         |
|                  |     | For >500, Deduct                                                           | -7.73                     |                         |
| 06 05 23 00-0217 | EA  | 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....     | 20.73                     |                         |
|                  |     | For >10 To 50, Deduct                                                      | -0.79                     |                         |
|                  |     | For >50 To 100, Deduct                                                     | -1.71                     |                         |
|                  |     | For >100 To 250, Deduct                                                    | -3.41                     |                         |
|                  |     | For >250 To 500, Deduct                                                    | -5.91                     |                         |
|                  |     | For >500, Deduct                                                           | -8.41                     |                         |



| MINOR            |     |                                                                         | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                             | UNIT COST    | UNIT COST  |
| 06 05 23 00-0218 | EA  | 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 22.45        |            |
|                  |     | For >10 To 50, Deduct                                                   | -0.79        |            |
|                  |     | For >50 To 100, Deduct                                                  | -1.75        |            |
|                  |     | For >100 To 250, Deduct                                                 | -3.50        |            |
|                  |     | For >250 To 500, Deduct                                                 | -6.04        |            |
|                  |     | For >500, Deduct                                                        | -8.58        |            |
| 06 05 23 00-0219 | EA  | 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 49.61        |            |
|                  |     | For >10 To 50, Deduct                                                   | -0.95        |            |
|                  |     | For >50 To 100, Deduct                                                  | -2.67        |            |
|                  |     | For >100 To 250, Deduct                                                 | -5.33        |            |
|                  |     | For >250 To 500, Deduct                                                 | -8.95        |            |
|                  |     | For >500, Deduct                                                        | -12.56       |            |
| 06 05 23 00-0220 | EA  | 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt..... | 71.66        |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.00        |            |
|                  |     | For >50 To 100, Deduct                                                  | -3.30        |            |
|                  |     | For >100 To 250, Deduct                                                 | -6.59        |            |
|                  |     | For >250 To 500, Deduct                                                 | -10.89       |            |
|                  |     | For >500, Deduct                                                        | -15.19       |            |
| 06 05 23 00-0221 | EA  | 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 22.63        |            |
|                  |     | For >10 To 50, Deduct                                                   | -0.80        |            |
|                  |     | For >50 To 100, Deduct                                                  | -1.76        |            |
|                  |     | For >100 To 250, Deduct                                                 | -3.52        |            |
|                  |     | For >250 To 500, Deduct                                                 | -6.08        |            |
|                  |     | For >500, Deduct                                                        | -8.64        |            |
| 06 05 23 00-0222 | EA  | 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 27.28        |            |
|                  |     | For >10 To 50, Deduct                                                   | -0.85        |            |
|                  |     | For >50 To 100, Deduct                                                  | -1.96        |            |
|                  |     | For >100 To 250, Deduct                                                 | -3.92        |            |
|                  |     | For >250 To 500, Deduct                                                 | -6.72        |            |
|                  |     | For >500, Deduct                                                        | -9.53        |            |
| 06 05 23 00-0223 | EA  | 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 34.56        |            |
|                  |     | For >10 To 50, Deduct                                                   | -0.90        |            |
|                  |     | For >50 To 100, Deduct                                                  | -2.22        |            |
|                  |     | For >100 To 250, Deduct                                                 | -4.44        |            |
|                  |     | For >250 To 500, Deduct                                                 | -7.56        |            |
|                  |     | For >500, Deduct                                                        | -10.68       |            |
| 06 05 23 00-0224 | EA  | 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 76.67        |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.01        |            |
|                  |     | For >50 To 100, Deduct                                                  | -3.43        |            |
|                  |     | For >100 To 250, Deduct                                                 | -6.86        |            |
|                  |     | For >250 To 500, Deduct                                                 | -11.31       |            |
|                  |     | For >500, Deduct                                                        | -15.75       |            |
| 06 05 23 00-0225 | EA  | 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt..... | 105.58       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.17        |            |
|                  |     | For >50 To 100, Deduct                                                  | -4.39        |            |
|                  |     | For >100 To 250, Deduct                                                 | -8.79        |            |
|                  |     | For >250 To 500, Deduct                                                 | -14.35       |            |
|                  |     | For >500, Deduct                                                        | -19.92       |            |
| 06 05 23 00-0226 | EA  | 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt..... | 123.85       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.28        |            |
|                  |     | For >50 To 100, Deduct                                                  | -5.01        |            |
|                  |     | For >100 To 250, Deduct                                                 | -10.02       |            |
|                  |     | For >250 To 500, Deduct                                                 | -16.31       |            |
|                  |     | For >500, Deduct                                                        | -22.59       |            |
| 06 05 23 00-0227 | EA  | 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 115.91       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.01        |            |
|                  |     | For >50 To 100, Deduct                                                  | -4.41        |            |
|                  |     | For >100 To 250, Deduct                                                 | -8.83        |            |
|                  |     | For >250 To 500, Deduct                                                 | -14.25       |            |
|                  |     | For >500, Deduct                                                        | -19.67       |            |
| 06 05 23 00-0228 | EA  | 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 132.41       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.17        |            |
|                  |     | For >50 To 100, Deduct                                                  | -5.07        |            |
|                  |     | For >100 To 250, Deduct                                                 | -10.13       |            |
|                  |     | For >250 To 500, Deduct                                                 | -16.37       |            |
|                  |     | For >500, Deduct                                                        | -22.60       |            |
| 06 05 23 00-0229 | EA  | 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....  | 137.74       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.22        |            |
|                  |     | For >50 To 100, Deduct                                                  | -5.28        |            |
|                  |     | For >100 To 250, Deduct                                                 | -10.55       |            |
|                  |     | For >250 To 500, Deduct                                                 | -17.05       |            |
|                  |     | For >500, Deduct                                                        | -23.55       |            |
| 06 05 23 00-0230 | EA  | 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt..... | 193.00       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.33        |            |
|                  |     | For >50 To 100, Deduct                                                  | -6.82        |            |
|                  |     | For >100 To 250, Deduct                                                 | -13.64       |            |
|                  |     | For >250 To 500, Deduct                                                 | -21.78       |            |
|                  |     | For >500, Deduct                                                        | -29.93       |            |
| 06 05 23 00-0231 | EA  | 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt..... | 211.00       |            |
|                  |     | For >10 To 50, Deduct                                                   | -1.38        |            |
|                  |     | For >50 To 100, Deduct                                                  | -7.35        |            |
|                  |     | For >100 To 250, Deduct                                                 | -14.70       |            |
|                  |     | For >250 To 500, Deduct                                                 | -23.43       |            |
|                  |     | For >500, Deduct                                                        | -32.16       |            |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**06 05 23 00-0232 Stainless Steel Screws** (06 05 23 00-0093)

|                  |    |                                    |      |
|------------------|----|------------------------------------|------|
| 06 05 23 00-0233 | EA | #8 x 1-1/2" Stainless Steel Screw  | 2.15 |
| 06 05 23 00-0234 | EA | #9 x 1-1/2" Stainless Steel Screw  | 2.19 |
| 06 05 23 00-0235 | EA | #10 x 1-1/2" Stainless Steel Screw | 2.25 |
| 06 05 23 00-0236 | EA | #12 x 1-1/2" Stainless Steel Screw | 2.43 |

**06 05 23 00-0237 Galvanized Steel Screws** (06 05 23 00-0093)

|                  |    |                                     |      |
|------------------|----|-------------------------------------|------|
| 06 05 23 00-0238 | EA | #8 x 1-1/2" Galvanized Steel Screw  | 1.98 |
| 06 05 23 00-0239 | EA | #9 x 1-1/2" Galvanized Steel Screw  | 2.03 |
| 06 05 23 00-0240 | EA | #10 x 1-1/2" Galvanized Steel Screw | 2.07 |
| 06 05 23 00-0241 | EA | #12 x 1-1/2" Galvanized Steel Screw | 2.22 |
| 06 05 23 00-0242 | EA | #8 x 2-1/2" Galvanized Steel Screw  | 2.02 |
| 06 05 23 00-0243 | EA | #9 x 2-1/2" Galvanized Steel Screw  | 2.06 |
| 06 05 23 00-0244 | EA | #10 x 2-1/2" Galvanized Steel Screw | 2.11 |
| 06 05 23 00-0245 | EA | #12 x 2-1/2" Galvanized Steel Screw | 2.30 |

**06 05 23 00-0246 Timber Bolts** (06 05 23 00-0093)

Note: Includes drilling of holes in any material.

|                  |    |                                                                                    |        |
|------------------|----|------------------------------------------------------------------------------------|--------|
| 06 05 23 00-0247 | EA | 5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)  | 37.84  |
|                  |    | For>10 To 50, Deduct                                                               | -1.12  |
|                  |    | For>50 To 100, Deduct                                                              | -2.63  |
|                  |    | For>100 To 250, Deduct                                                             | -5.27  |
|                  |    | For>250 To 500, Deduct                                                             | -9.02  |
|                  |    | For>500, Deduct                                                                    | -12.78 |
| 06 05 23 00-0248 | EA | 5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915) | 42.84  |
|                  |    | For>10 To 50, Deduct                                                               | -1.26  |
|                  |    | For>50 To 100, Deduct                                                              | -2.96  |
|                  |    | For>100 To 250, Deduct                                                             | -5.92  |
|                  |    | For>250 To 500, Deduct                                                             | -10.14 |
|                  |    | For>500, Deduct                                                                    | -14.36 |
| 06 05 23 00-0249 | EA | 5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916) | 46.38  |
|                  |    | For>10 To 50, Deduct                                                               | -1.34  |
|                  |    | For>50 To 100, Deduct                                                              | -3.17  |
|                  |    | For>100 To 250, Deduct                                                             | -6.34  |
|                  |    | For>250 To 500, Deduct                                                             | -10.85 |
|                  |    | For>500, Deduct                                                                    | -15.36 |
| 06 05 23 00-0250 | EA | 5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917) | 52.16  |
|                  |    | For>10 To 50, Deduct                                                               | -1.42  |
|                  |    | For>50 To 100, Deduct                                                              | -3.43  |
|                  |    | For>100 To 250, Deduct                                                             | -6.86  |
|                  |    | For>250 To 500, Deduct                                                             | -11.71 |
|                  |    | For>500, Deduct                                                                    | -16.56 |
| 06 05 23 00-0251 | EA | 5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918) | 55.60  |
|                  |    | For>10 To 50, Deduct                                                               | -1.49  |
|                  |    | For>50 To 100, Deduct                                                              | -3.63  |
|                  |    | For>100 To 250, Deduct                                                             | -7.26  |
|                  |    | For>250 To 500, Deduct                                                             | -12.39 |
|                  |    | For>500, Deduct                                                                    | -17.51 |
| 06 05 23 00-0252 | EA | 5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919) | 57.68  |
|                  |    | For>10 To 50, Deduct                                                               | -1.56  |
|                  |    | For>50 To 100, Deduct                                                              | -3.78  |
|                  |    | For>100 To 250, Deduct                                                             | -7.56  |
|                  |    | For>250 To 500, Deduct                                                             | -12.90 |
|                  |    | For>500, Deduct                                                                    | -18.24 |
| 06 05 23 00-0253 | EA | 3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920) | 52.09  |
|                  |    | For>10 To 50, Deduct                                                               | -1.34  |
|                  |    | For>50 To 100, Deduct                                                              | -3.31  |
|                  |    | For>100 To 250, Deduct                                                             | -6.63  |
|                  |    | For>250 To 500, Deduct                                                             | -11.28 |
|                  |    | For>500, Deduct                                                                    | -15.93 |
| 06 05 23 00-0254 | EA | 3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921) | 54.54  |
|                  |    | For>10 To 50, Deduct                                                               | -1.40  |
|                  |    | For>50 To 100, Deduct                                                              | -3.46  |
|                  |    | For>100 To 250, Deduct                                                             | -6.91  |
|                  |    | For>250 To 500, Deduct                                                             | -11.77 |
|                  |    | For>500, Deduct                                                                    | -16.62 |
| 06 05 23 00-0255 | EA | 3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922) | 60.83  |
|                  |    | For>10 To 50, Deduct                                                               | -1.48  |
|                  |    | For>50 To 100, Deduct                                                              | -3.74  |
|                  |    | For>100 To 250, Deduct                                                             | -7.48  |
|                  |    | For>250 To 500, Deduct                                                             | -12.69 |
|                  |    | For>500, Deduct                                                                    | -17.91 |
| 06 05 23 00-0256 | EA | 3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923) | 65.50  |
|                  |    | For>10 To 50, Deduct                                                               | -1.55  |
|                  |    | For>50 To 100, Deduct                                                              | -3.97  |
|                  |    | For>100 To 250, Deduct                                                             | -7.94  |
|                  |    | For>250 To 500, Deduct                                                             | -13.46 |
|                  |    | For>500, Deduct                                                                    | -18.99 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 05 23 00-0257 | EA  |     | 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924) .....   | 70.61                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                      | -1.63                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -4.21                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -8.42                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -14.26                 |                      |
|                  |     |     | For >500, Deduct                                                                           | -20.11                 |                      |
| 06 05 23 00-0258 |     |     | <b>Supports</b> (06 05 23)                                                                 |                        |                      |
| 06 05 23 00-0259 |     |     | <b>Shear Plates</b> (06 05 23 00-0258)                                                     |                        |                      |
| 06 05 23 00-0260 | EA  |     | 2-5/8" Diameter, Shear Plate .....                                                         | 16.15                  | 4.02                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.45                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.08                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -2.16                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.70                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -5.23                  |                      |
| 06 05 23 00-0261 | EA  |     | 4" Diameter, Shear Plate .....                                                             | 15.39                  | 4.23                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.47                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.09                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -2.18                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.75                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -5.31                  |                      |
| 06 05 23 00-0262 |     |     | <b>Sill Anchors</b> (06 05 23 00-0258)                                                     |                        |                      |
| 06 05 23 00-0263 | EA  |     | Sill Anchor Embedded In Concrete .....                                                     | 13.46                  | 4.23                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.47                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.04                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -2.09                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.60                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -5.12                  |                      |
| 06 05 23 00-0264 |     |     | <b>Spike Grids</b> (06 05 23 00-0258)                                                      |                        |                      |
| 06 05 23 00-0265 | EA  |     | 3" x 6" Flat Or Curved Spike Grid .....                                                    | 11.87                  | 4.02                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.45                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -0.97                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -1.95                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.38                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -4.80                  |                      |
| 06 05 23 00-0266 |     |     | <b>Split Rings</b> (06 05 23 00-0258)                                                      |                        |                      |
| 06 05 23 00-0267 | EA  |     | 2-1/2" Diameter Split Ring .....                                                           | 16.39                  | 4.02                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.45                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.09                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -2.18                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.72                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -5.26                  |                      |
| 06 05 23 00-0268 | EA  |     | 4" Diameter Split Ring .....                                                               | 17.60                  | 4.45                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.49                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.18                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -2.36                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -4.03                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -5.70                  |                      |
| 06 05 23 00-0269 |     |     | <b>Toothed Rings</b> (06 05 23 00-0258)                                                    |                        |                      |
| 06 05 23 00-0270 | EA  |     | 2-5/8" Or 4" Toothed Ring .....                                                            | 12.72                  | 4.02                 |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.45                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -1.00                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -1.99                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -3.44                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -4.89                  |                      |
| 06 05 23 00-0271 |     |     | <b>Straps And Shields</b> (06 05 23)                                                       |                        |                      |
| 06 05 23 00-0272 |     |     | <b>Shield Plate</b> (06 05 23 00-0271)                                                     |                        |                      |
| 06 05 23 00-0273 | EA  |     | 5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z) .....   | 8.60                   |                      |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.07                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -0.28                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -0.57                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -0.98                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -1.48                  |                      |
| 06 05 23 00-0274 | EA  |     | 5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z) ..... | 13.75                  |                      |
|                  |     |     | For >10 To 50, Deduct                                                                      | -0.08                  |                      |
|                  |     |     | For >50 To 100, Deduct                                                                     | -0.43                  |                      |
|                  |     |     | For >100 To 250, Deduct                                                                    | -0.85                  |                      |
|                  |     |     | For >250 To 500, Deduct                                                                    | -1.44                  |                      |
|                  |     |     | For >500, Deduct                                                                           | -2.12                  |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**06 05 23 00-0275 Strap Ties** (06 05 23 00-0271)

|                  |                                                                                             |       |
|------------------|---------------------------------------------------------------------------------------------|-------|
| 06 05 23 00-0276 | EA 1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9).....   | 3.24  |
|                  | For>10 To 50, Deduct                                                                        | -0.05 |
|                  | For>50 To 100, Deduct                                                                       | -0.14 |
|                  | For>100 To 250, Deduct                                                                      | -0.27 |
|                  | For>250 To 500, Deduct                                                                      | -0.51 |
|                  | For>500, Deduct                                                                             | -0.82 |
| 06 05 23 00-0277 | EA 1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)..... | 3.33  |
|                  | For>10 To 50, Deduct                                                                        | -0.05 |
|                  | For>50 To 100, Deduct                                                                       | -0.14 |
|                  | For>100 To 250, Deduct                                                                      | -0.27 |
|                  | For>250 To 500, Deduct                                                                      | -0.52 |
|                  | For>500, Deduct                                                                             | -0.83 |
| 06 05 23 00-0278 | EA 1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)..... | 4.26  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.17 |
|                  | For>100 To 250, Deduct                                                                      | -0.35 |
|                  | For>250 To 500, Deduct                                                                      | -0.66 |
|                  | For>500, Deduct                                                                             | -1.05 |
| 06 05 23 00-0279 | EA 1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)..... | 4.43  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.18 |
|                  | For>100 To 250, Deduct                                                                      | -0.36 |
|                  | For>250 To 500, Deduct                                                                      | -0.67 |
|                  | For>500, Deduct                                                                             | -1.07 |
| 06 05 23 00-0280 | EA 1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)..... | 4.61  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.18 |
|                  | For>100 To 250, Deduct                                                                      | -0.37 |
|                  | For>250 To 500, Deduct                                                                      | -0.68 |
|                  | For>500, Deduct                                                                             | -1.08 |
| 06 05 23 00-0281 | EA 1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)..... | 5.29  |
|                  | For>10 To 50, Deduct                                                                        | -0.08 |
|                  | For>50 To 100, Deduct                                                                       | -0.21 |
|                  | For>100 To 250, Deduct                                                                      | -0.43 |
|                  | For>250 To 500, Deduct                                                                      | -0.80 |
|                  | For>500, Deduct                                                                             | -1.28 |
| 06 05 23 00-0282 | EA 1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)..... | 6.92  |
|                  | For>10 To 50, Deduct                                                                        | -0.08 |
|                  | For>50 To 100, Deduct                                                                       | -0.25 |
|                  | For>100 To 250, Deduct                                                                      | -0.51 |
|                  | For>250 To 500, Deduct                                                                      | -0.93 |
|                  | For>500, Deduct                                                                             | -1.44 |
| 06 05 23 00-0283 | EA 1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)..... | 8.03  |
|                  | For>10 To 50, Deduct                                                                        | -0.10 |
|                  | For>50 To 100, Deduct                                                                       | -0.30 |
|                  | For>100 To 250, Deduct                                                                      | -0.59 |
|                  | For>250 To 500, Deduct                                                                      | -1.08 |
|                  | For>500, Deduct                                                                             | -1.68 |
| 06 05 23 00-0284 | EA 1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9).....   | 3.61  |
|                  | For>10 To 50, Deduct                                                                        | -0.05 |
|                  | For>50 To 100, Deduct                                                                       | -0.14 |
|                  | For>100 To 250, Deduct                                                                      | -0.29 |
|                  | For>250 To 500, Deduct                                                                      | -0.54 |
|                  | For>500, Deduct                                                                             | -0.86 |
| 06 05 23 00-0285 | EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)..... | 3.74  |
|                  | For>10 To 50, Deduct                                                                        | -0.05 |
|                  | For>50 To 100, Deduct                                                                       | -0.15 |
|                  | For>100 To 250, Deduct                                                                      | -0.30 |
|                  | For>250 To 500, Deduct                                                                      | -0.55 |
|                  | For>500, Deduct                                                                             | -0.87 |
| 06 05 23 00-0286 | EA 1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)..... | 4.77  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.19 |
|                  | For>100 To 250, Deduct                                                                      | -0.37 |
|                  | For>250 To 500, Deduct                                                                      | -0.70 |
|                  | For>500, Deduct                                                                             | -1.10 |
| 06 05 23 00-0287 | EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)..... | 4.99  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.19 |
|                  | For>100 To 250, Deduct                                                                      | -0.39 |
|                  | For>250 To 500, Deduct                                                                      | -0.71 |
|                  | For>500, Deduct                                                                             | -1.12 |
| 06 05 23 00-0288 | EA 1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)..... | 5.09  |
|                  | For>10 To 50, Deduct                                                                        | -0.07 |
|                  | For>50 To 100, Deduct                                                                       | -0.20 |
|                  | For>100 To 250, Deduct                                                                      | -0.39 |
|                  | For>250 To 500, Deduct                                                                      | -0.72 |
|                  | For>500, Deduct                                                                             | -1.13 |
| 06 05 23 00-0289 | EA 1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)..... | 5.80  |
|                  | For>10 To 50, Deduct                                                                        | -0.08 |
|                  | For>50 To 100, Deduct                                                                       | -0.23 |
|                  | For>100 To 250, Deduct                                                                      | -0.45 |
|                  | For>250 To 500, Deduct                                                                      | -0.84 |
|                  | For>500, Deduct                                                                             | -1.33 |



| MINOR<br>CSI UOM DESCRIPTION                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0290 EA 1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30).....        | 7.26                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.08                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.26                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.53                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.95                     |                         |
| For >500, Deduct                                                                                                    | -1.47                     |                         |
| 06 05 23 00-0291 EA 1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36).....        | 8.04                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.10                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.30                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.59                     |                         |
| For >250 To 500, Deduct                                                                                             | -1.08                     |                         |
| For >500, Deduct                                                                                                    | -1.68                     |                         |
| 06 05 23 00-0292 EA 1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49).....        | 12.79                     |                         |
| For >10 To 50, Deduct                                                                                               | -0.11                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.43                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.86                     |                         |
| For >250 To 500, Deduct                                                                                             | -1.50                     |                         |
| For >500, Deduct                                                                                                    | -2.28                     |                         |
| 06 05 23 00-0293 EA 1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9).....            | 4.29                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.05                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.16                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.32                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.59                     |                         |
| For >500, Deduct                                                                                                    | -0.93                     |                         |
| 06 05 23 00-0294 EA 1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12).....          | 4.30                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.05                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.16                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.32                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.59                     |                         |
| For >500, Deduct                                                                                                    | -0.93                     |                         |
| 06 05 23 00-0295 EA 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18).....          | 5.23                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.07                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.20                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.40                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.73                     |                         |
| For >500, Deduct                                                                                                    | -1.15                     |                         |
| 06 05 23 00-0296 EA 1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22).....          | 7.26                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.08                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.26                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.53                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.95                     |                         |
| For >500, Deduct                                                                                                    | -1.47                     |                         |
| 06 05 23 00-0297 EA 1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6).....           | 6.23                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.05                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.21                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.42                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.74                     |                         |
| For >500, Deduct                                                                                                    | -1.12                     |                         |
| 06 05 23 00-0298 EA 1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8).....           | 6.89                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.05                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.23                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.45                     |                         |
| For >250 To 500, Deduct                                                                                             | -0.79                     |                         |
| For >500, Deduct                                                                                                    | -1.19                     |                         |
| 06 05 23 00-0299 EA 1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12).....         | 9.05                      |                         |
| For >10 To 50, Deduct                                                                                               | -0.07                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.29                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.59                     |                         |
| For >250 To 500, Deduct                                                                                             | -1.02                     |                         |
| For >500, Deduct                                                                                                    | -1.53                     |                         |
| 06 05 23 00-0300 EA 2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)..... | 13.51                     |                         |
| For >10 To 50, Deduct                                                                                               | -0.08                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.42                     |                         |
| For >100 To 250, Deduct                                                                                             | -0.84                     |                         |
| For >250 To 500, Deduct                                                                                             | -1.42                     |                         |
| For >500, Deduct                                                                                                    | -2.10                     |                         |
| 06 05 23 00-0301 EA 2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)..... | 16.85                     |                         |
| For >10 To 50, Deduct                                                                                               | -0.10                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.52                     |                         |
| For >100 To 250, Deduct                                                                                             | -1.03                     |                         |
| For >250 To 500, Deduct                                                                                             | -1.74                     |                         |
| For >500, Deduct                                                                                                    | -2.56                     |                         |
| 06 05 23 00-0302 EA 2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)..... | 25.01                     |                         |
| For >10 To 50, Deduct                                                                                               | -0.11                     |                         |
| For >50 To 100, Deduct                                                                                              | -0.73                     |                         |
| For >100 To 250, Deduct                                                                                             | -1.47                     |                         |
| For >250 To 500, Deduct                                                                                             | -2.42                     |                         |
| For >500, Deduct                                                                                                    | -3.50                     |                         |
| 06 05 23 00-0303 EA 2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)..... | 43.71                     |                         |
| For >10 To 50, Deduct                                                                                               | -0.12                     |                         |
| For >50 To 100, Deduct                                                                                              | -1.21                     |                         |
| For >100 To 250, Deduct                                                                                             | -2.43                     |                         |
| For >250 To 500, Deduct                                                                                             | -3.89                     |                         |
| For >500, Deduct                                                                                                    | -5.49                     |                         |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0304 | EA  |     | 2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)..... | 56.40                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.14                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -1.55                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -3.09                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -4.91                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -6.89                     |                         |
| 06 05 23 00-0305 | EA  |     | 3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....       | 16.15                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.08                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.49                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.97                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -1.62                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -2.36                     |                         |
| 06 05 23 00-0306 | EA  |     | 3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....       | 20.88                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.10                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.62                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -1.23                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -2.04                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -2.96                     |                         |
| 06 05 23 00-0307 | EA  |     | 3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....       | 24.39                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.11                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.72                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -1.44                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -2.37                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -3.44                     |                         |
| 06 05 23 00-0308 | EA  |     | 3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....       | 37.23                     |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.12                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -1.05                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -2.11                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -3.40                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -4.85                     |                         |
| 06 05 23 00-0309 |     |     | <b>Twist Strap Ties</b> (06 05 23 00-0271)                                                      |                           |                         |
| 06 05 23 00-0310 | EA  |     | 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....   | 3.82                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.05                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.15                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.30                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.56                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -0.88                     |                         |
| 06 05 23 00-0311 | EA  |     | 1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....   | 4.82                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.06                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.18                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.36                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.67                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.04                     |                         |
| 06 05 23 00-0312 | EA  |     | 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....   | 5.56                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.07                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.21                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.41                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.76                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.18                     |                         |
| 06 05 23 00-0313 | EA  |     | 1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....   | 6.02                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.07                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.23                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.45                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.82                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.29                     |                         |
| 06 05 23 00-0314 | EA  |     | 1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....   | 3.77                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.05                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.15                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.30                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.55                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -0.87                     |                         |
| 06 05 23 00-0315 | EA  |     | 1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....   | 4.90                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.06                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.18                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.37                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.67                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.05                     |                         |
| 06 05 23 00-0316 | EA  |     | 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....   | 5.70                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.07                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.21                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.42                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.77                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.19                     |                         |
| 06 05 23 00-0317 | EA  |     | 1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....   | 6.07                      |                         |
|                  |     |     | For >10 To 50, Deduct                                                                           | -0.07                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -0.23                     |                         |
|                  |     |     | For >100 To 250, Deduct                                                                         | -0.45                     |                         |
|                  |     |     | For >250 To 500, Deduct                                                                         | -0.83                     |                         |
|                  |     |     | For >500, Deduct                                                                                | -1.29                     |                         |





| MINOR            | CSI | UOM                                                                                                               | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 06 05 23 00-0318 | EA  | 1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)                          | 8.36        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.29       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.58       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -1.03       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.58       |                        |                      |
| 06 05 23 00-0319 | EA  | 1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)                          | 6.39        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.06       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.22       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.44       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -0.78       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.20       |                        |                      |
| 06 05 23 00-0320 | EA  | 1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)                          | 7.65        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.07       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.27       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.53       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -0.95       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.45       |                        |                      |
| 06 05 23 00-0321 | EA  | 1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)                          | 8.90        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.30       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.61       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -1.07       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.64       |                        |                      |
| 06 05 23 00-0322 |     | Retrofit Plate Strap (06 05 23 00-0271)                                                                           |             |                        |                      |
| 06 05 23 00-0323 | EA  | 1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)                | 6.38        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.07       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.23       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.45       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -0.82       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.26       |                        |                      |
| 06 05 23 00-0324 | EA  | 1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)                | 7.33        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.07       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.25       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.50       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -0.89       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.36       |                        |                      |
| 06 05 23 00-0325 | EA  | 1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)                | 8.82        |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.07       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.29       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.58       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -1.00       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.51       |                        |                      |
| 06 05 23 00-0326 |     | Stud Shoe (06 05 23 00-0271)                                                                                      |             |                        |                      |
| 06 05 23 00-0327 | EA  | 6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)             | 11.00       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.36       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -0.71       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -1.23       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -1.85       |                        |                      |
| 06 05 23 00-0328 | EA  | 6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)             | 22.01       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.63       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -1.26       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -2.06       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -2.95       |                        |                      |
| 06 05 23 00-0329 | EA  | 6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)            | 22.11       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.63       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -1.27       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -2.06       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -2.96       |                        |                      |
| 06 05 23 00-0330 | EA  | 6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)          | 29.77       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.83       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -1.65       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -2.64       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -3.72       |                        |                      |
| 06 05 23 00-0331 | EA  | 7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)  | 27.95       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.78       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -1.56       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -2.50       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -3.54       |                        |                      |
| 06 05 23 00-0332 | EA  | 7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3) | 30.31       |                        |                      |
|                  |     | For >10 To 50, Deduct                                                                                             | -0.08       |                        |                      |
|                  |     | For >50 To 100, Deduct                                                                                            | -0.84       |                        |                      |
|                  |     | For >100 To 250, Deduct                                                                                           | -1.68       |                        |                      |
|                  |     | For >250 To 500, Deduct                                                                                           | -2.68       |                        |                      |
|                  |     | For >500, Deduct                                                                                                  | -3.78       |                        |                      |

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 05 23 00-0333 EA 7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3) ..... | 32.11                     |                         |
| For >10 To 50, Deduct .....                                                                                                                  | -0.08                     |                         |
| For >50 To 100, Deduct .....                                                                                                                 | -0.88                     |                         |
| For >100 To 250, Deduct .....                                                                                                                | -1.77                     |                         |
| For >250 To 500, Deduct .....                                                                                                                | -2.81                     |                         |
| For >500, Deduct .....                                                                                                                       | -3.96                     |                         |
| 06 05 23 00-0334 EA 7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3) .....     | 48.72                     |                         |
| For >10 To 50, Deduct .....                                                                                                                  | -0.08                     |                         |
| For >50 To 100, Deduct .....                                                                                                                 | -1.30                     |                         |
| For >100 To 250, Deduct .....                                                                                                                | -2.60                     |                         |
| For >250 To 500, Deduct .....                                                                                                                | -4.06                     |                         |
| For >500, Deduct .....                                                                                                                       | -5.62                     |                         |
| <b>06 05 23 00-0335 Nail Stops (06 05 23 00-0271)</b>                                                                                        |                           |                         |
| 06 05 23 00-0336 EA 1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1) .....                                   | 2.96                      |                         |
| For >10 To 50, Deduct .....                                                                                                                  | -0.05                     |                         |
| For >50 To 100, Deduct .....                                                                                                                 | -0.13                     |                         |
| For >100 To 250, Deduct .....                                                                                                                | -0.26                     |                         |
| For >250 To 500, Deduct .....                                                                                                                | -0.49                     |                         |
| For >500, Deduct .....                                                                                                                       | -0.79                     |                         |
| 06 05 23 00-0337 EA 1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2) .....                                   | 3.12                      |                         |
| For >10 To 50, Deduct .....                                                                                                                  | -0.05                     |                         |
| For >50 To 100, Deduct .....                                                                                                                 | -0.13                     |                         |
| For >100 To 250, Deduct .....                                                                                                                | -0.26                     |                         |
| For >250 To 500, Deduct .....                                                                                                                | -0.50                     |                         |
| For >500, Deduct .....                                                                                                                       | -0.81                     |                         |

**06 05 73 Wood Treatment (06 05)****06 05 73 13 Fire-Retardant Wood Treatment (06 05 73)**

06 05 73 13-0001 Preservative Treated Lumber (06 05 73 13)

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)

06 05 73 13-0003 MBF Fire Retardant Treatment (FRT) For Lumber .....771.52

**06 05 73 33 Preservative Wood Treatment (06 05 73)**

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)

06 05 73 33-0002 MBF Preservative Treatment For Marine And Fresh Water Lumber .....122.88

**06 10 Rough Carpentry (06)****06 11 Wood Framing (06 10)**

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

**06 11 13 Engineered Wood Products (06 11)**

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members (06 11 13)

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)

06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist .....4.36 1.86

For Each Additional 2" x\_ " In The Built Up Member, Add 0.76

06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist .....5.42 2.19

For Each Additional 2" x\_ " In The Built Up Member, Add 1.07

06 11 13 00-0005 LF Two 2" x 10" Built-up Wood Beam Or Joist .....6.91 2.62

For Each Additional 2" x\_ " In The Built Up Member, Add 1.49

06 11 13 00-0006 Built-Up Posts (06 11 13 00-0001)

06 11 13 00-0007 LF Two 2" x 6" Built-up Wood Post .....4.36 1.86

For Each Additional 2" x\_ " In The Built Up Member, Add 0.76

06 11 13 00-0008 LF Two 2" x 8" Built-up Wood Post .....5.42 2.19

For Each Additional 2" x\_ " In The Built Up Member, Add 1.07

06 11 13 00-0009 LF Two 2" x 10" Built-up Wood Post .....6.91 2.62

For Each Additional 2" x\_ " In The Built Up Member, Add 1.49

**06 11 16 Mechanically Graded Lumber (06 11)**

06 11 16 00-0001 Rafters And Joists (06 11 16)

06 11 16 00-0002 Rafters (06 11 16 00-0001)

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003 LF 2" x 6" Wood Rafter .....2.51 1.31

06 11 16 00-0004 LF 2" x 8" Wood Rafter .....2.93 1.42



| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                            |    |                                                                      |  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------|--|---------------------------|-------------------------|
| 06 11 16 00-0005                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Wood Rafter .....                                           |  | 4.22                      | 2.07                    |
| 06 11 16 00-0006                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Wood Rafter .....                                           |  | 4.86                      | 2.30                    |
| 06 11 16 00-0007                                                                                                                                                                                                                                                                                                        | LF | 2" x 14" Wood Rafter .....                                           |  | 5.28                      | 2.51                    |
| 06 11 16 00-0008                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Pressure Treated Wood Rafter.....                            |  | 2.82                      | 1.31                    |
| 06 11 16 00-0009                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Pressure Treated Wood Rafter.....                            |  | 3.36                      | 1.42                    |
| 06 11 16 00-0010                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Pressure Treated Wood Rafter.....                           |  | 4.59                      | 2.07                    |
| 06 11 16 00-0011                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Pressure Treated Wood Rafter.....                           |  | 5.48                      | 2.30                    |
| 06 11 16 00-0012 Joists (06 11 16 00-0001)                                                                                                                                                                                                                                                                              |    |                                                                      |  |                           |                         |
| Note: A series of parallel beams to support floors or ceilings.                                                                                                                                                                                                                                                         |    |                                                                      |  |                           |                         |
| 06 11 16 00-0013                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Wood Floor Joist .....                                       |  | 2.18                      | 1.10                    |
| 06 11 16 00-0014                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Wood Floor Joist .....                                       |  | 2.71                      | 1.20                    |
| 06 11 16 00-0015                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Wood Floor Joist.....                                       |  | 3.46                      | 1.54                    |
| 06 11 16 00-0016                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Wood Floor Joist.....                                       |  | 4.10                      | 1.75                    |
| 06 11 16 00-0017                                                                                                                                                                                                                                                                                                        | LF | 2" x 14" Wood Floor Joist.....                                       |  | 4.51                      | 1.86                    |
| 06 11 16 00-0018                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Pressure Treated Wood Floor Joist.....                       |  | 2.49                      | 1.10                    |
| 06 11 16 00-0019                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Pressure Treated Wood Floor Joist.....                       |  | 3.14                      | 1.20                    |
| 06 11 16 00-0020                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Pressure Treated Wood Floor Joist.....                      |  | 3.83                      | 1.54                    |
| 06 11 16 00-0021                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Pressure Treated Wood Floor Joist.....                      |  | 4.72                      | 1.75                    |
| 06 11 16 00-0022 Purlins (06 11 16 00-0001)                                                                                                                                                                                                                                                                             |    |                                                                      |  |                           |                         |
| Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.                                                                                                                                                                                                                   |    |                                                                      |  |                           |                         |
| 06 11 16 00-0023                                                                                                                                                                                                                                                                                                        | LF | 2" x 4" Wood Purlin.....                                             |  | 1.76                      | 0.66                    |
| 06 11 16 00-0024                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Wood Purlin.....                                             |  | 2.20                      | 0.72                    |
| 06 11 16 00-0025                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Wood Purlin.....                                             |  | 2.66                      | 0.79                    |
| 06 11 16 00-0026                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Wood Purlin.....                                            |  | 3.24                      | 0.87                    |
| 06 11 16 00-0027                                                                                                                                                                                                                                                                                                        | LF | 2" x 4" Pressure Treated Wood Purlin .....                           |  | 1.95                      | 0.66                    |
| 06 11 16 00-0028                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Pressure Treated Wood Purlin .....                           |  | 2.51                      | 0.72                    |
| 06 11 16 00-0029                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Pressure Treated Wood Purlin .....                           |  | 3.09                      | 0.79                    |
| 06 11 16 00-0030                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Pressure Treated Wood Purlin .....                          |  | 3.61                      | 0.87                    |
| 06 11 16 00-0031 Exposed Rafters Or Joists (06 11 16 00-0001)                                                                                                                                                                                                                                                           |    |                                                                      |  |                           |                         |
| 06 11 16 00-0032 Redwood Rafters Or Joists (06 11 16 00-0031)                                                                                                                                                                                                                                                           |    |                                                                      |  |                           |                         |
| 06 11 16 00-0033                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Redwood Rafter Or Joist .....                                |  | 3.28                      | 1.10                    |
| 06 11 16 00-0034                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Redwood Rafter Or Joist .....                                |  | 4.00                      | 1.20                    |
| 06 11 16 00-0035                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Redwood Rafter Or Joist .....                               |  | 4.99                      | 1.54                    |
| 06 11 16 00-0036                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Redwood Rafter Or Joist .....                               |  | 6.04                      | 1.75                    |
| 06 11 16 00-0037 Cedar Rafters Or Joists (06 11 16 00-0031)                                                                                                                                                                                                                                                             |    |                                                                      |  |                           |                         |
| 06 11 16 00-0038                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Cedar Rafter Or Joist.....                                   |  | 2.18                      | 1.10                    |
| 06 11 16 00-0039                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Cedar Rafter Or Joist.....                                   |  | 2.45                      | 1.20                    |
| 06 11 16 00-0040                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Cedar Rafter Or Joist.....                                  |  | 2.83                      | 1.54                    |
| 06 11 16 00-0041                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Cedar Rafter Or Joist.....                                  |  | 3.21                      | 1.75                    |
| 06 11 16 00-0042 Oak Rafters Or Joists (06 11 16 00-0031)                                                                                                                                                                                                                                                               |    |                                                                      |  |                           |                         |
| 06 11 16 00-0043                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Oak Rafter Or Joist.....                                     |  | 2.64                      | 1.10                    |
| 06 11 16 00-0044                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Oak Rafter Or Joist.....                                     |  | 3.60                      | 1.20                    |
| 06 11 16 00-0045                                                                                                                                                                                                                                                                                                        | LF | 2" x 10" Oak Rafter Or Joist.....                                    |  | 4.67                      | 1.54                    |
| 06 11 16 00-0046                                                                                                                                                                                                                                                                                                        | LF | 2" x 12" Oak Rafter Or Joist.....                                    |  | 5.74                      | 1.75                    |
| 06 11 16 00-0047 Framing (06 11 16)                                                                                                                                                                                                                                                                                     |    |                                                                      |  |                           |                         |
| 06 11 16 00-0048 Partition Framing (06 11 16 00-0047)                                                                                                                                                                                                                                                                   |    |                                                                      |  |                           |                         |
| 06 11 16 00-0049                                                                                                                                                                                                                                                                                                        | LF | 2" x 4" Wood Stud Framing, For Partition Walls .....                 |  | 1.71                      | 0.87                    |
| 06 11 16 00-0050                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Wood Stud Framing, For Partition Walls .....                 |  | 2.07                      | 0.93                    |
| 06 11 16 00-0051                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Wood Stud Framing, For Partition Walls .....                 |  | 2.43                      | 0.99                    |
| 06 11 16 00-0052                                                                                                                                                                                                                                                                                                        | LF | 2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls..... |  | 1.90                      | 0.87                    |
| 06 11 16 00-0053                                                                                                                                                                                                                                                                                                        | LF | 2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls..... |  | 2.38                      | 0.93                    |
| 06 11 16 00-0054                                                                                                                                                                                                                                                                                                        | LF | 2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls..... |  | 2.86                      | 0.99                    |
| 06 11 16 00-0055 Wall Framing Assemblies By The SF (06 11 16 00-0047)                                                                                                                                                                                                                                                   |    |                                                                      |  |                           |                         |
| Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage. |    |                                                                      |  |                           |                         |
| 06 11 16 00-0056 Wall Framing By The SF, 12" On Center (06 11 16 00-0055)                                                                                                                                                                                                                                               |    |                                                                      |  |                           |                         |
| 06 11 16 00-0057                                                                                                                                                                                                                                                                                                        | SF | 2" x 4" At 12" On Center, Wood Wall Framing Assembly .....           |  | 2.21                      | 1.06                    |
|                                                                                                                                                                                                                                                                                                                         |    | For Up To 200, Add .....                                             |  | 0.75                      |                         |
|                                                                                                                                                                                                                                                                                                                         |    | For >200 To 500, Add .....                                           |  | 0.38                      |                         |
| 06 11 16 00-0058                                                                                                                                                                                                                                                                                                        | SF | 2" x 6" At 12" On Center, Wood Wall Framing Assembly .....           |  | 2.97                      | 1.35                    |
|                                                                                                                                                                                                                                                                                                                         |    | For Up To 200, Add .....                                             |  | 0.99                      |                         |
|                                                                                                                                                                                                                                                                                                                         |    | For >200 To 500, Add .....                                           |  | 0.50                      |                         |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**

| MINOR                   |     |                                                                                                                                                                                                | TOTAL DIRECT         |           | DEMOLITION |
|-------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|------------|
| CSI                     | UOM | DESCRIPTION                                                                                                                                                                                    | UNIT COST            | UNIT COST | UNIT COST  |
| 06 11 16 00-0059        | SF  | 2" x 8" At 12" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 3.96<br>1.32<br>0.66 | 1.81      |            |
| <b>06 11 16 00-0060</b> |     | <b>Wall Framing By The SF, 16" On Center</b> (06 11 16 00-0055)                                                                                                                                |                      |           |            |
| 06 11 16 00-0061        | SF  | 2" x 4" At 16" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 1.80<br>0.61<br>0.31 | 0.85      |            |
| 06 11 16 00-0062        | SF  | 2" x 6" At 16" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 2.47<br>0.83<br>0.41 | 1.13      |            |
| 06 11 16 00-0063        | SF  | 2" x 8" At 16" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 3.30<br>1.11<br>0.55 | 1.50      |            |
| <b>06 11 16 00-0064</b> |     | <b>Wall Framing By The SF, 24" On Center</b> (06 11 16 00-0055)                                                                                                                                |                      |           |            |
| 06 11 16 00-0065        | SF  | 2" x 4" At 24" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 1.42<br>0.48<br>0.24 | 0.67      |            |
| 06 11 16 00-0066        | SF  | 2" x 6" At 24" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 1.94<br>0.65<br>0.32 | 0.87      |            |
| 06 11 16 00-0067        | SF  | 2" x 8" At 24" On Center, Wood Wall Framing Assembly.....<br>For Up To 200, Add<br>For >200 To 500, Add                                                                                        | 2.59<br>0.87<br>0.43 | 1.17      |            |
| <b>06 11 16 00-0068</b> |     | <b>Sills And Plates</b> (06 11 16)                                                                                                                                                             |                      |           |            |
| <b>06 11 16 00-0069</b> |     | <b>Sills</b> (06 11 16 00-0068)<br>Note: A horizontal member which rests on and is attached to the foundation.                                                                                 |                      |           |            |
| 06 11 16 00-0070        | LF  | 2" x 4" Wood Sill .....                                                                                                                                                                        | 2.91                 | 1.64      |            |
| 06 11 16 00-0071        | LF  | 2" x 6" Wood Sill .....                                                                                                                                                                        | 3.49                 | 1.86      |            |
| 06 11 16 00-0072        | LF  | 2" x 8" Wood Sill .....                                                                                                                                                                        | 4.15                 | 2.07      |            |
| 06 11 16 00-0073        | LF  | 2" x 4" Pressure Treated Wood Sill.....                                                                                                                                                        | 3.10                 | 1.64      |            |
| 06 11 16 00-0074        | LF  | 2" x 6" Pressure Treated Wood Sill.....                                                                                                                                                        | 3.80                 | 1.86      |            |
| 06 11 16 00-0075        | LF  | 2" x 8" Pressure Treated Wood Sill.....                                                                                                                                                        | 4.58                 | 2.07      |            |
| <b>06 11 16 00-0076</b> |     | <b>Plates</b> (06 11 16 00-0068)<br>Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall. |                      |           |            |
| 06 11 16 00-0077        | LF  | 2" x 4" Wood Plate .....                                                                                                                                                                       | 2.91                 | 1.64      |            |
| 06 11 16 00-0078        | LF  | 2" x 6" Wood Plate .....                                                                                                                                                                       | 3.49                 | 1.86      |            |
| 06 11 16 00-0079        | LF  | 2" x 8" Wood Plate .....                                                                                                                                                                       | 4.13                 | 2.07      |            |
| 06 11 16 00-0080        | LF  | 2" x 4" Pressure Treated Wood Plate .....                                                                                                                                                      | 3.10                 | 1.64      |            |
| 06 11 16 00-0081        | LF  | 2" x 6" Pressure Treated Wood Plate .....                                                                                                                                                      | 3.80                 | 1.86      |            |
| 06 11 16 00-0082        | LF  | 2" x 8" Pressure Treated Wood Plate .....                                                                                                                                                      | 4.56                 | 2.07      |            |
| <b>06 11 16 00-0083</b> |     | <b>Sills And Plates From Redwood</b> (06 11 16 00-0068)                                                                                                                                        |                      |           |            |
| <b>06 11 16 00-0084</b> |     | <b>Construction Grade/Rough</b> (06 11 16 00-0083)                                                                                                                                             |                      |           |            |
| 06 11 16 00-0085        | LF  | 2" x 6" Redwood, Construction Grade/Rough.....                                                                                                                                                 | 5.98                 | 1.86      |            |
| 06 11 16 00-0086        | LF  | 2" x 8" Redwood, Construction Grade/Rough.....                                                                                                                                                 | 8.05                 | 2.07      |            |
| 06 11 16 00-0087        | LF  | 2" x 10" Redwood, Construction Grade/Rough.....                                                                                                                                                | 9.79                 | 2.30      |            |
| 06 11 16 00-0088        | LF  | 2" x 12" Redwood, Construction Grade/Rough.....                                                                                                                                                | 11.82                | 2.51      |            |
| <b>06 11 16 00-0089</b> |     | <b>Con Heart/Smooth</b> (06 11 16 00-0083)                                                                                                                                                     |                      |           |            |
| 06 11 16 00-0090        | LF  | 2" x 6" Redwood, Con Heart/Smooth.....                                                                                                                                                         | 7.36                 | 1.86      |            |
| 06 11 16 00-0091        | LF  | 2" x 8" Redwood, Con Heart/Smooth.....                                                                                                                                                         | 10.12                | 2.07      |            |
| 06 11 16 00-0092        | LF  | 2" x 10" Redwood, Con Heart/Smooth.....                                                                                                                                                        | 13.31                | 2.30      |            |
| 06 11 16 00-0093        | LF  | 2" x 12" Redwood, Con Heart/Smooth.....                                                                                                                                                        | 16.01                | 2.51      |            |
| <b>06 11 16 00-0094</b> |     | <b>Suspended Ceiling Framing</b> (06 11 16)                                                                                                                                                    |                      |           |            |
| 06 11 16 00-0095        | LF  | 1" x 2" Wood Suspended Ceiling Framing .....                                                                                                                                                   | 2.39                 | 1.42      |            |
| 06 11 16 00-0096        | LF  | 1" x 3" Wood Suspended Ceiling Framing .....                                                                                                                                                   | 2.61                 | 1.54      |            |
| 06 11 16 00-0097        | LF  | 1" x 4" Wood Suspended Ceiling Framing .....                                                                                                                                                   | 2.74                 | 1.64      |            |
| 06 11 16 00-0098        | LF  | 2" x 2" Wood Suspended Ceiling Framing .....                                                                                                                                                   | 2.82                 | 1.64      |            |
| 06 11 16 00-0099        | LF  | 2" x 4" Wood Suspended Ceiling Framing .....                                                                                                                                                   | 3.35                 | 1.86      |            |
| 06 11 16 00-0100        | LF  | 1" x 2" Pressure Treated Wood Suspended Ceiling Framing .....                                                                                                                                  | 2.57                 | 1.42      |            |
| 06 11 16 00-0101        | LF  | 1" x 3" Pressure Treated Wood Suspended Ceiling Framing .....                                                                                                                                  | 2.62                 | 1.54      |            |
| 06 11 16 00-0102        | LF  | 1" x 4" Pressure Treated Wood Suspended Ceiling Framing .....                                                                                                                                  | 2.86                 | 1.64      |            |
| 06 11 16 00-0103        | LF  | 2" x 2" Pressure Treated Wood Suspended Ceiling Framing .....                                                                                                                                  | 2.99                 | 1.64      |            |
| 06 11 16 00-0104        | LF  | 2" x 4" Pressure Treated Wood Suspended Ceiling Framing .....                                                                                                                                  | 3.49                 | 1.86      |            |
| <b>06 11 16 00-0105</b> |     | <b>Posts And Girts</b> (06 11 16)                                                                                                                                                              |                      |           |            |



| MINOR<br>CSI UOM DESCRIPTION                                                      |                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------|-------------------------|
| 06 11 16 00-0106 Posts (06 11 16 00-0105)                                         |                                                         |                           |                         |
| Note: A vertical, upright framing member.                                         |                                                         |                           |                         |
| 06 11 16 00-0107                                                                  | LF 4" x 4" Wood Post.....                               | 4.23                      | 2.07                    |
| 06 11 16 00-0108                                                                  | LF 4" x 5" Wood Post.....                               | 4.83                      | 2.41                    |
| 06 11 16 00-0109                                                                  | LF 4" x 6" Wood Post.....                               | 5.32                      | 2.62                    |
| 06 11 16 00-0110                                                                  | LF 6" x 6" Wood Post.....                               | 5.92                      | 2.85                    |
| 06 11 16 00-0111                                                                  | LF 8" x 8" Wood Post.....                               | 6.51                      | 2.95                    |
| 06 11 16 00-0112                                                                  | LF 10" x 10" Wood Post.....                             | 7.11                      | 3.39                    |
| 06 11 16 00-0113                                                                  | LF 4" x 4" Pressure Treated Wood Post.....              | 5.52                      | 2.07                    |
| 06 11 16 00-0114                                                                  | LF 3" x 6" Pressure Treated Wood Post.....              | 6.34                      | 2.62                    |
| 06 11 16 00-0115                                                                  | LF 4" x 6" Pressure Treated Wood Post.....              | 7.72                      | 2.62                    |
| 06 11 16 00-0116                                                                  | LF 6" x 6" Pressure Treated Wood Post.....              | 10.71                     | 2.85                    |
| 06 11 16 00-0117 Girts (06 11 16 00-0105)                                         |                                                         |                           |                         |
| Note: A horizontal member at intermediate level between columns, studs, or posts. |                                                         |                           |                         |
| 06 11 16 00-0118                                                                  | LF 2" x 4" Wood Girt.....                               | 2.03                      | 0.78                    |
| 06 11 16 00-0119                                                                  | LF 2" x 6" Wood Girt.....                               | 2.49                      | 0.86                    |
| 06 11 16 00-0120                                                                  | LF 2" x 8" Wood Girt.....                               | 2.97                      | 0.96                    |
| 06 11 16 00-0121                                                                  | LF 2" x 10" Wood Girt.....                              | 3.58                      | 1.05                    |
| 06 11 16 00-0122                                                                  | LF 4" x 4" Wood Girt.....                               | 4.10                      | 1.58                    |
| 06 11 16 00-0123                                                                  | LF 4" x 5" Wood Girt.....                               | 4.70                      | 1.77                    |
| 06 11 16 00-0124                                                                  | LF 4" x 6" Wood Girt.....                               | 5.29                      | 1.97                    |
| 06 11 16 00-0125                                                                  | LF 6" x 6" Wood Girt.....                               | 5.89                      | 2.17                    |
| 06 11 16 00-0126                                                                  | LF 8" x 8" Wood Girt.....                               | 6.49                      | 2.36                    |
| 06 11 16 00-0127                                                                  | LF 10" x 10" Wood Girt.....                             | 7.09                      | 2.57                    |
| 06 11 16 00-0128                                                                  | LF 2" x 4" Pressure Treated Wood Girt.....              | 2.22                      | 0.78                    |
| 06 11 16 00-0129                                                                  | LF 2" x 6" Pressure Treated Wood Girt.....              | 2.80                      | 0.86                    |
| 06 11 16 00-0130                                                                  | LF 2" x 8" Pressure Treated Wood Girt.....              | 3.40                      | 0.96                    |
| 06 11 16 00-0131                                                                  | LF 2" x 10" Pressure Treated Wood Girt.....             | 3.95                      | 1.05                    |
| 06 11 16 00-0132                                                                  | LF 4" x 4" Pressure Treated Wood Girt.....              | 5.52                      | 1.58                    |
| 06 11 16 00-0133                                                                  | LF 3" x 6" Pressure Treated Wood Girt.....              | 6.34                      | 1.97                    |
| 06 11 16 00-0134                                                                  | LF 4" x 6" Pressure Treated Wood Girt.....              | 7.72                      | 1.97                    |
| 06 11 16 00-0135                                                                  | LF 6" x 6" Pressure Treated Wood Girt.....              | 10.71                     | 2.17                    |
| 06 11 16 00-0136 Construction Grade/Rough Redwood Posts (06 11 16 00-0105)        |                                                         |                           |                         |
| 06 11 16 00-0137                                                                  | LF 4" x 4" Redwood, Construction Grade/Rough Post.....  | 9.42                      | 2.07                    |
| For Smooth "Clear", Add                                                           |                                                         | 1.26                      |                         |
| 06 11 16 00-0138                                                                  | LF 4" x 5" Redwood, Construction Grade/Rough Post.....  | 11.38                     | 2.41                    |
| For Smooth "Clear", Add                                                           |                                                         | 1.57                      |                         |
| 06 11 16 00-0139                                                                  | LF 4" x 6" Redwood, Construction Grade/Rough Post.....  | 13.36                     | 2.62                    |
| For Smooth "Clear", Add                                                           |                                                         | 1.89                      |                         |
| 06 11 16 00-0140                                                                  | LF 4" x 8" Redwood, Construction Grade/Rough Post.....  | 16.68                     | 2.70                    |
| For Smooth "Clear", Add                                                           |                                                         | 2.52                      |                         |
| 06 11 16 00-0141                                                                  | LF 4" x 10" Redwood, Construction Grade/Rough Post..... | 20.07                     | 2.88                    |
| For Smooth "Clear", Add                                                           |                                                         | 3.14                      |                         |
| 06 11 16 00-0142                                                                  | LF 6" x 6" Redwood, Construction Grade/Rough Post.....  | 18.48                     | 2.85                    |
| For Smooth "Clear", Add                                                           |                                                         | 2.83                      |                         |
| 06 11 16 00-0143                                                                  | LF 6" x 8" Redwood, Construction Grade/Rough Post.....  | 23.35                     | 2.95                    |
| For Smooth "Clear", Add                                                           |                                                         | 3.77                      |                         |
| 06 11 16 00-0144                                                                  | LF 6" x 10" Redwood, Construction Grade/Rough Post..... | 28.20                     | 2.77                    |
| For Smooth "Clear", Add                                                           |                                                         | 4.72                      |                         |
| 06 11 16 00-0145                                                                  | LF 8" x 8" Redwood, Construction Grade/Rough Post.....  | 29.88                     | 2.95                    |
| For Smooth "Clear", Add                                                           |                                                         | 5.03                      |                         |
| 06 11 16 00-0146 Stair Stringers (06 11 16)                                       |                                                         |                           |                         |
| 06 11 16 00-0147                                                                  | LF 2" x 10" Wood Stair Stringer.....                    | 8.02                      | 4.37                    |
| 06 11 16 00-0148                                                                  | LF 2" x 12" Wood Stair Stringer.....                    | 9.48                      | 5.13                    |
| 06 11 16 00-0149                                                                  | LF 2" x 10" Pressure Treated Wood Stair Stringer.....   | 8.42                      | 4.37                    |
| 06 11 16 00-0150                                                                  | LF 2" x 12" Pressure Treated Wood Stair Stringer.....   | 10.08                     | 5.13                    |
| 06 11 16 00-0151 Blocking And Sleepers (06 11 16)                                 |                                                         |                           |                         |
| 06 11 16 00-0152 Blocking (06 11 16 00-0151)                                      |                                                         |                           |                         |
| 06 11 16 00-0153 Blocking To Wood (06 11 16 00-0152)                              |                                                         |                           |                         |
| 06 11 16 00-0154                                                                  | LF 2" x 4" Pressure Treated Wood Blocking To Wood.....  | 6.17                      | 2.63                    |
| 06 11 16 00-0155                                                                  | LF 2" x 6" Pressure Treated Wood Blocking To Wood.....  | 7.32                      | 2.89                    |
| 06 11 16 00-0156                                                                  | LF 2" x 8" Pressure Treated Wood Blocking To Wood.....  | 8.35                      | 3.17                    |
| 06 11 16 00-0157                                                                  | LF 4" x 4" Pressure Treated Wood Blocking To Wood.....  | 9.66                      | 3.50                    |
| 06 11 16 00-0158                                                                  | LF 4" x 6" Pressure Treated Wood Blocking To Wood.....  | 11.66                     | 3.84                    |
| 06 11 16 00-0159                                                                  | LF 2" x 4" Wood Blocking To Wood.....                   | 5.70                      | 2.63                    |
| 06 11 16 00-0160                                                                  | LF 2" x 6" Wood Blocking To Wood.....                   | 6.54                      | 2.89                    |
| 06 11 16 00-0161                                                                  | LF 2" x 8" Wood Blocking To Wood.....                   | 7.43                      | 3.17                    |
| 06 11 16 00-0162                                                                  | LF 4" x 4" Wood Blocking To Wood.....                   | 8.08                      | 3.50                    |
| 06 11 16 00-0163                                                                  | LF 4" x 6" Wood Blocking To Wood.....                   | 9.08                      | 3.84                    |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                                                              |       |      |
|-------------------------|----|--------------------------------------------------------------------------------------------------------------|-------|------|
| <b>06 11 16 00-0164</b> |    | <b>Blocking To Steel</b> (06 11 16 00-0152)                                                                  |       |      |
| 06 11 16 00-0165        | LF | 2" x 4" Pressure Treated Wood Blocking To Steel.....                                                         | 7.07  | 3.02 |
| 06 11 16 00-0166        | LF | 2" x 6" Pressure Treated Wood Blocking To Steel.....                                                         | 8.34  | 3.33 |
| 06 11 16 00-0167        | LF | 2" x 8" Pressure Treated Wood Blocking To Steel.....                                                         | 9.51  | 3.66 |
| 06 11 16 00-0168        | LF | 2" x 4" Wood Blocking To Steel.....                                                                          | 6.55  | 3.02 |
| 06 11 16 00-0169        | LF | 2" x 6" Wood Blocking To Steel.....                                                                          | 7.47  | 3.33 |
| 06 11 16 00-0170        | LF | 2" x 8" Wood Blocking To Steel.....                                                                          | 8.50  | 3.66 |
| <b>06 11 16 00-0171</b> |    | <b>Blocking To Concrete</b> (06 11 16 00-0152)                                                               |       |      |
| 06 11 16 00-0172        | LF | 2" x 4" Pressure Treated Wood Blocking To Concrete.....                                                      | 7.07  | 3.02 |
| 06 11 16 00-0173        | LF | 2" x 6" Pressure Treated Wood Blocking To Concrete.....                                                      | 8.34  | 3.33 |
| 06 11 16 00-0174        | LF | 2" x 8" Pressure Treated Wood Blocking To Concrete.....                                                      | 9.51  | 3.66 |
| 06 11 16 00-0175        | LF | 2" x 4" Wood Blocking To Concrete.....                                                                       | 6.55  | 3.02 |
| 06 11 16 00-0176        | LF | 2" x 6" Wood Blocking To Concrete.....                                                                       | 7.47  | 3.33 |
| 06 11 16 00-0177        | LF | 2" x 8" Wood Blocking To Concrete.....                                                                       | 8.50  | 3.66 |
| <b>06 11 16 00-0178</b> |    | <b>Pressure Treated Lattice</b> (06 11 16 00-0151)                                                           |       |      |
| 06 11 16 00-0179        | SF | 3/4" Thick Pressure Treated Wood Lattice.....                                                                | 6.42  | 2.30 |
| <b>06 11 16 00-0180</b> |    | <b>Sleepers</b> (06 11 16 00-0151)                                                                           |       |      |
| <b>06 11 16 00-0181</b> |    | <b>Sleepers To Wood</b> (06 11 16 00-0180)                                                                   |       |      |
| 06 11 16 00-0182        | LF | 1" x 2" Pressure Treated Wood Sleeper On Wood.....                                                           | 1.14  | 0.39 |
| 06 11 16 00-0183        | LF | 1" x 3" Pressure Treated Wood Sleeper On Wood.....                                                           | 1.19  | 0.44 |
| 06 11 16 00-0184        | LF | 1" x 4" Pressure Treated Wood Sleeper On Wood.....                                                           | 1.42  | 0.49 |
| 06 11 16 00-0185        | LF | 2" x 4" Pressure Treated Wood Sleeper On Wood.....                                                           | 2.13  | 0.60 |
| 06 11 16 00-0186        | LF | 2" x 6" Pressure Treated Wood Sleeper On Wood.....                                                           | 2.85  | 0.66 |
| <b>06 11 16 00-0187</b> |    | <b>Sleepers To Concrete</b> (06 11 16 00-0180)                                                               |       |      |
| 06 11 16 00-0188        | LF | 1" x 2" Pressure Treated Wood Sleeper On Concrete.....                                                       | 1.18  | 0.39 |
| 06 11 16 00-0189        | LF | 1" x 3" Pressure Treated Wood Sleeper On Concrete.....                                                       | 1.23  | 0.44 |
| 06 11 16 00-0190        | LF | 1" x 4" Pressure Treated Wood Sleeper On Concrete.....                                                       | 1.47  | 0.49 |
| 06 11 16 00-0191        | LF | 2" x 4" Pressure Treated Wood Sleeper On Concrete.....                                                       | 2.23  | 0.60 |
| 06 11 16 00-0192        | LF | 2" x 6" Pressure Treated Wood Sleeper On Concrete.....                                                       | 3.01  | 0.66 |
| <b>06 11 16 00-0193</b> |    | <b>Roofing Nailers</b> (06 11 16)                                                                            |       |      |
| 06 11 16 00-0194        | LF | 2" x 4" Pressure Treated Lumber, For Roofing Nailers.....                                                    | 3.15  | 0.87 |
| 06 11 16 00-0195        | LF | 2" x 6" Pressure Treated Lumber, For Roofing Nailers.....                                                    | 3.69  | 0.93 |
| 06 11 16 00-0196        | LF | 2" x 8" Pressure Treated Lumber, For Roofing Nailers.....                                                    | 4.23  | 0.99 |
| <b>06 11 16 00-0197</b> |    | <b>Roofing Sleepers</b> (06 11 16)                                                                           |       |      |
| 06 11 16 00-0198        | LF | 2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....                                                   | 1.46  |      |
| 06 11 16 00-0199        | LF | 4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....                                                   | 3.97  |      |
| 06 11 16 00-0200        | LF | 4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....                                                   | 5.76  |      |
| 06 11 16 00-0201        | LF | 6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....                                                   | 8.57  |      |
| <b>06 11 16 00-0202</b> |    | <b>Canopy Framing, Bridging, And Furring</b> (06 11 16)                                                      |       |      |
| <b>06 11 16 00-0203</b> |    | <b>Wood And Steel Bridging</b> (06 11 16 00-0202)                                                            |       |      |
| <b>06 11 16 00-0204</b> |    | <b>Wood Bridging</b> (06 11 16 00-0203)                                                                      |       |      |
| 06 11 16 00-0205        | EA | 1 Pair Wood Bridging, 1" x 3" Cross Type.....<br>Note: For joists spaced at 16" on center.                   | 8.81  | 3.83 |
| 06 11 16 00-0206        | EA | 1 Pair Wood Bridging, 2" x 3" Cross Type.....<br>Note: For joists spaced at 16" on center.                   | 9.06  | 3.83 |
| <b>06 11 16 00-0207</b> |    | <b>Steel Bridging</b> (06 11 16 00-0203)                                                                     |       |      |
| 06 11 16 00-0208        | EA | 1 Pair Steel Bridging, Wood Joists At 16" On Center.....                                                     | 11.38 | 3.83 |
| 06 11 16 00-0209        | EA | 1 Pair Steel Bridging, Wood Joists At 24" On Center.....                                                     | 11.34 | 3.83 |
| <b>06 11 16 00-0210</b> |    | <b>Light Framing, Trim And Furring</b> (06 11 16 00-0202)                                                    |       |      |
| <b>06 11 16 00-0211</b> |    | <b>Pine/Spruce/Fir Light Framing, Trim And Furring</b> (06 11 16 00-0210)<br>Note: S4S board, select grade 1 |       |      |
| 06 11 16 00-0212        | LF | 1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 1.93  | 0.89 |
| 06 11 16 00-0213        | LF | 1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 2.17  | 0.99 |
| 06 11 16 00-0214        | LF | 1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 2.50  | 1.08 |
| 06 11 16 00-0215        | LF | 1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 2.78  | 1.19 |
| 06 11 16 00-0216        | LF | 1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 3.08  | 1.31 |
| 06 11 16 00-0217        | LF | 1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                | 3.41  | 1.44 |
| 06 11 16 00-0218        | LF | 2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....                                                 | 2.79  | 1.19 |



| MINOR                                                                               |    |                                                                |       | TOTAL DIRECT | DEMOLITION |
|-------------------------------------------------------------------------------------|----|----------------------------------------------------------------|-------|--------------|------------|
| CSI UOM DESCRIPTION                                                                 |    |                                                                |       | UNIT COST    | UNIT COST  |
| 06 11 16 00-0219                                                                    | LF | 2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring .....  | 3.12  | 1.31         |            |
| 06 11 16 00-0220                                                                    | LF | 2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring .....  | 3.65  | 1.44         |            |
| 06 11 16 00-0221                                                                    | LF | 2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring .....  | 4.24  | 1.59         |            |
| 06 11 16 00-0222                                                                    | LF | 2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring ..... | 4.98  | 1.75         |            |
| 06 11 16 00-0223 Cedar Light Framing, Trim And Furring (06 11 16 00-0210)           |    |                                                                |       |              |            |
| Note: S4S board, select grade 1                                                     |    |                                                                |       |              |            |
| 06 11 16 00-0224                                                                    | LF | 1" x 1" Cedar Light Framing, Trim And Furring .....            | 1.96  | 0.89         |            |
| 06 11 16 00-0225                                                                    | LF | 1" x 2" Cedar Light Framing, Trim And Furring .....            | 2.30  | 0.99         |            |
| 06 11 16 00-0226                                                                    | LF | 1" x 4" Cedar Light Framing, Trim And Furring .....            | 2.98  | 1.08         |            |
| 06 11 16 00-0227                                                                    | LF | 1" x 6" Cedar Light Framing, Trim And Furring .....            | 3.60  | 1.19         |            |
| 06 11 16 00-0228                                                                    | LF | 1" x 8" Cedar Light Framing, Trim And Furring .....            | 5.25  | 1.31         |            |
| 06 11 16 00-0229                                                                    | LF | 1" x 10" Cedar Light Framing, Trim And Furring .....           | 6.18  | 1.44         |            |
| 06 11 16 00-0230                                                                    | LF | 2" x 2" Cedar Light Framing, Trim And Furring .....            | 3.10  | 1.19         |            |
| 06 11 16 00-0231                                                                    | LF | 2" x 4" Cedar Light Framing, Trim And Furring .....            | 3.58  | 1.31         |            |
| 06 11 16 00-0232 Oak Light Framing, Trim And Furring (06 11 16 00-0210)             |    |                                                                |       |              |            |
| Note: S4S board, select grade 1                                                     |    |                                                                |       |              |            |
| 06 11 16 00-0233                                                                    | LF | 1" x 1" Oak Light Framing, Trim And Furring .....              | 1.96  | 0.89         |            |
| 06 11 16 00-0234                                                                    | LF | 1" x 2" Oak Light Framing, Trim And Furring .....              | 2.32  | 0.99         |            |
| 06 11 16 00-0235                                                                    | LF | 1" x 4" Oak Light Framing, Trim And Furring .....              | 2.86  | 1.08         |            |
| 06 11 16 00-0236                                                                    | LF | 1" x 6" Oak Light Framing, Trim And Furring .....              | 3.42  | 1.19         |            |
| 06 11 16 00-0237                                                                    | LF | 1" x 8" Oak Light Framing, Trim And Furring .....              | 4.01  | 1.31         |            |
| 06 11 16 00-0238                                                                    | LF | 1" x 10" Oak Light Framing, Trim And Furring .....             | 4.62  | 1.44         |            |
| 06 11 16 00-0239                                                                    | LF | 2" x 2" Oak Light Framing, Trim And Furring .....              | 3.07  | 1.19         |            |
| 06 11 16 00-0240                                                                    | LF | 2" x 4" Oak Light Framing, Trim And Furring .....              | 4.01  | 1.31         |            |
| 06 11 16 00-0241 Redwood Light Framing, Trim And Furring (06 11 16 00-0210)         |    |                                                                |       |              |            |
| Note: S4S board, select grade 1                                                     |    |                                                                |       |              |            |
| 06 11 16 00-0242                                                                    | LF | 1" x 1" Redwood Light Framing, Trim And Furring .....          | 1.91  | 0.89         |            |
| 06 11 16 00-0243                                                                    | LF | 1" x 2" Redwood Light Framing, Trim And Furring .....          | 2.22  | 0.99         |            |
| 06 11 16 00-0244                                                                    | LF | 1" x 4" Redwood Light Framing, Trim And Furring .....          | 2.70  | 1.08         |            |
| 06 11 16 00-0245                                                                    | LF | 1" x 6" Redwood Light Framing, Trim And Furring .....          | 3.21  | 1.19         |            |
| 06 11 16 00-0246                                                                    | LF | 1" x 8" Redwood Light Framing, Trim And Furring .....          | 3.79  | 1.31         |            |
| 06 11 16 00-0247                                                                    | LF | 1" x 10" Redwood Light Framing, Trim And Furring .....         | 4.43  | 1.44         |            |
| 06 11 16 00-0248                                                                    | LF | 2" x 2" Redwood Light Framing, Trim And Furring .....          | 3.23  | 1.19         |            |
| 06 11 16 00-0249                                                                    | LF | 2" x 4" Redwood Light Framing, Trim And Furring .....          | 3.81  | 1.31         |            |
| 06 11 16 00-0250 Poplar Light Framing, Trim And Furring (06 11 16 00-0210)          |    |                                                                |       |              |            |
| Note: S4S board, select grade 1                                                     |    |                                                                |       |              |            |
| 06 11 16 00-0251                                                                    | LF | 1" x 1" Poplar Light Framing, Trim And Furring .....           | 2.20  | 0.89         |            |
| 06 11 16 00-0252                                                                    | LF | 1" x 2" Poplar Light Framing, Trim And Furring .....           | 2.68  | 0.99         |            |
| 06 11 16 00-0253                                                                    | LF | 1" x 4" Poplar Light Framing, Trim And Furring .....           | 3.34  | 1.08         |            |
| 06 11 16 00-0254                                                                    | LF | 1" x 6" Poplar Light Framing, Trim And Furring .....           | 4.21  | 1.19         |            |
| 06 11 16 00-0255                                                                    | LF | 1" x 8" Poplar Light Framing, Trim And Furring .....           | 4.88  | 1.31         |            |
| 06 11 16 00-0256                                                                    | LF | 1" x 10" Poplar Light Framing, Trim And Furring .....          | 6.39  | 1.44         |            |
| 06 11 16 00-0257                                                                    | LF | 1" x 12" Poplar Light Framing, Trim And Furring .....          | 6.89  | 1.44         |            |
| 06 11 16 00-0258                                                                    | LF | 2" x 2" Poplar Light Framing, Trim And Furring .....           | 5.46  | 1.19         |            |
| 06 11 16 00-0259                                                                    | LF | 2" x 4" Poplar Light Framing, Trim And Furring .....           | 6.12  | 1.31         |            |
| 06 11 16 00-0260                                                                    | LF | 2" x 6" Poplar Light Framing, Trim And Furring .....           | 8.13  | 1.44         |            |
| 06 11 16 00-0261 Maple Light Framing, Trim And Furring (06 11 16 00-0210)           |    |                                                                |       |              |            |
| Note: S4S board, select grade 1                                                     |    |                                                                |       |              |            |
| 06 11 16 00-0262                                                                    | LF | 1" x 4" Maple Light Framing, Trim And Furring .....            | 4.12  | 1.08         |            |
| 06 11 16 00-0263                                                                    | LF | 1" x 6" Maple Light Framing, Trim And Furring .....            | 5.42  | 1.19         |            |
| 06 11 16 00-0264                                                                    | LF | 1" x 8" Maple Light Framing, Trim And Furring .....            | 6.76  | 1.31         |            |
| 06 13 Heavy Timber Construction (06 10)                                             |    |                                                                |       |              |            |
| 06 13 23 Heavy Timber Framing (06 13)                                               |    |                                                                |       |              |            |
| 06 13 23 00-0001 Heavy Timber Framing (06 13 23)                                    |    |                                                                |       |              |            |
| Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners. |    |                                                                |       |              |            |
| 06 13 23 00-0002 Heavy Timber Beams (06 13 23 00-0001)                              |    |                                                                |       |              |            |
| 06 13 23 00-0003 Pine, Heavy Timber Beams (06 13 23 00-0002)                        |    |                                                                |       |              |            |
| 06 13 23 00-0004                                                                    | LF | 4" x 4", Pine, Heavy Timber Beam.....                          | 5.95  | 1.94         |            |
| 06 13 23 00-0005                                                                    | LF | 4" x 6", Pine, Heavy Timber Beam.....                          | 7.16  | 2.02         |            |
| 06 13 23 00-0006                                                                    | LF | 4" x 8", Pine, Heavy Timber Beam.....                          | 8.35  | 2.10         |            |
| 06 13 23 00-0007                                                                    | LF | 4" x 10", Pine, Heavy Timber Beam.....                         | 10.77 | 2.24         |            |
| 06 13 23 00-0008                                                                    | LF | 4" x 12", Pine, Heavy Timber Beam.....                         | 12.76 | 2.38         |            |
| 06 13 23 00-0009                                                                    | LF | 6" x 6", Pine, Heavy Timber Beam.....                          | 8.99  | 2.19         |            |
| 06 13 23 00-0010                                                                    | LF | 6" x 8", Pine, Heavy Timber Beam.....                          | 10.74 | 2.30         |            |
| 06 13 23 00-0011                                                                    | LF | 6" x 10", Pine, Heavy Timber Beam.....                         | 14.36 | 2.46         |            |
| 06 13 23 00-0012                                                                    | LF | 6" x 12", Pine, Heavy Timber Beam.....                         | 17.02 | 2.51         |            |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 13 Heavy Timber Construction**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                         |    |                                          |       |      |
|---------------------------------------------------------|----|------------------------------------------|-------|------|
| 06 13 23 00-0013                                        | LF | 8" x 8", Pine, Heavy Timber Beam.....    | 13.04 | 2.38 |
| 06 13 23 00-0014                                        | LF | 8" x 10", Pine, Heavy Timber Beam.....   | 17.50 | 2.46 |
| 06 13 23 00-0015                                        | LF | 8" x 12", Pine, Heavy Timber Beam.....   | 21.10 | 2.51 |
| 06 13 23 00-0016                                        | LF | 10" x 10", Pine, Heavy Timber Beam.....  | 20.85 | 2.51 |
| 06 13 23 00-0017                                        | LF | 10" x 12", Pine, Heavy Timber Beam.....  | 25.45 | 2.73 |
| 06 13 23 00-0018                                        | LF | 12" x 12", Pine, Heavy Timber Beam.....  | 29.98 | 3.01 |
| 06 13 23 00-0019                                        | BF | >12" To 16" Pine, Heavy Timber Beam..... | 2.50  | 0.25 |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches. |    |                                          |       |      |

**06 13 23 00-0020 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)**

|                                                         |    |                                                 |       |      |
|---------------------------------------------------------|----|-------------------------------------------------|-------|------|
| 06 13 23 00-0021                                        | LF | 4" x 4", Douglas Fir, Heavy Timber Beam.....    | 6.16  | 1.94 |
| 06 13 23 00-0022                                        | LF | 4" x 6", Douglas Fir, Heavy Timber Beam.....    | 7.47  | 2.02 |
| 06 13 23 00-0023                                        | LF | 4" x 8", Douglas Fir, Heavy Timber Beam.....    | 8.77  | 2.10 |
| 06 13 23 00-0024                                        | LF | 4" x 10", Douglas Fir, Heavy Timber Beam.....   | 11.40 | 2.24 |
| 06 13 23 00-0025                                        | LF | 4" x 12", Douglas Fir, Heavy Timber Beam.....   | 13.55 | 2.38 |
| 06 13 23 00-0026                                        | LF | 6" x 6", Douglas Fir, Heavy Timber Beam.....    | 9.45  | 2.19 |
| 06 13 23 00-0027                                        | LF | 6" x 8", Douglas Fir, Heavy Timber Beam.....    | 11.35 | 2.30 |
| 06 13 23 00-0028                                        | LF | 6" x 10", Douglas Fir, Heavy Timber Beam.....   | 15.29 | 2.46 |
| 06 13 23 00-0029                                        | LF | 6" x 12", Douglas Fir, Heavy Timber Beam.....   | 18.22 | 2.51 |
| 06 13 23 00-0030                                        | LF | 8" x 8", Douglas Fir, Heavy Timber Beam.....    | 13.87 | 2.38 |
| 06 13 23 00-0031                                        | LF | 8" x 10", Douglas Fir, Heavy Timber Beam.....   | 18.76 | 2.46 |
| 06 13 23 00-0032                                        | LF | 8" x 12", Douglas Fir, Heavy Timber Beam.....   | 22.70 | 2.51 |
| 06 13 23 00-0033                                        | LF | 10" x 10", Douglas Fir, Heavy Timber Beam.....  | 22.41 | 2.51 |
| 06 13 23 00-0034                                        | LF | 10" x 12", Douglas Fir, Heavy Timber Beam.....  | 27.43 | 2.73 |
| 06 13 23 00-0035                                        | LF | 12" x 12", Douglas Fir, Heavy Timber Beam.....  | 32.37 | 3.01 |
| 06 13 23 00-0036                                        | BF | >12" To 16" Douglas Fir, Heavy Timber Beam..... | 2.70  | 0.25 |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches. |    |                                                 |       |      |

**06 13 23 00-0037 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)**

|                                                         |    |                                                      |       |      |
|---------------------------------------------------------|----|------------------------------------------------------|-------|------|
| 06 13 23 00-0038                                        | LF | 4" x 4", Pressure Treated, Heavy Timber Beam.....    | 6.26  | 1.94 |
| 06 13 23 00-0039                                        | LF | 4" x 6", Pressure Treated, Heavy Timber Beam.....    | 7.84  | 2.02 |
| 06 13 23 00-0040                                        | LF | 4" x 8", Pressure Treated, Heavy Timber Beam.....    | 9.21  | 2.10 |
| 06 13 23 00-0041                                        | LF | 4" x 10", Pressure Treated, Heavy Timber Beam.....   | 12.05 | 2.24 |
| 06 13 23 00-0042                                        | LF | 4" x 12", Pressure Treated, Heavy Timber Beam.....   | 14.38 | 2.38 |
| 06 13 23 00-0043                                        | LF | 6" x 6", Pressure Treated, Heavy Timber Beam.....    | 10.71 | 2.19 |
| 06 13 23 00-0044                                        | LF | 6" x 8", Pressure Treated, Heavy Timber Beam.....    | 13.07 | 2.30 |
| 06 13 23 00-0045                                        | LF | 6" x 10", Pressure Treated, Heavy Timber Beam.....   | 15.63 | 2.46 |
| 06 13 23 00-0046                                        | LF | 6" x 12", Pressure Treated, Heavy Timber Beam.....   | 19.09 | 2.51 |
| 06 13 23 00-0047                                        | LF | 8" x 8", Pressure Treated, Heavy Timber Beam.....    | 19.25 | 2.38 |
| 06 13 23 00-0048                                        | LF | 8" x 10", Pressure Treated, Heavy Timber Beam.....   | 22.31 | 2.46 |
| 06 13 23 00-0049                                        | LF | 8" x 12", Pressure Treated, Heavy Timber Beam.....   | 26.21 | 2.51 |
| 06 13 23 00-0050                                        | LF | 10" x 10", Pressure Treated, Heavy Timber Beam.....  | 26.32 | 2.51 |
| 06 13 23 00-0051                                        | LF | 10" x 12", Pressure Treated, Heavy Timber Beam.....  | 34.74 | 2.73 |
| 06 13 23 00-0052                                        | LF | 12" x 12", Pressure Treated, Heavy Timber Beam.....  | 41.14 | 3.01 |
| 06 13 23 00-0053                                        | BF | >12" To 16" Pressure Treated, Heavy Timber Beam..... | 3.43  | 0.25 |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches. |    |                                                      |       |      |

**06 13 23 00-0054 Heavy Timber Columns (06 13 23 00-0001)****06 13 23 00-0055 Pine, Heavy Timber Columns (06 13 23 00-0054)**

|                                                         |    |                                            |       |      |
|---------------------------------------------------------|----|--------------------------------------------|-------|------|
| 06 13 23 00-0056                                        | LF | 4" x 4", Pine, Heavy Timber Column.....    | 4.11  | 1.02 |
| 06 13 23 00-0057                                        | LF | 4" x 6", Pine, Heavy Timber Column.....    | 5.27  | 1.08 |
| 06 13 23 00-0058                                        | LF | 4" x 8", Pine, Heavy Timber Column.....    | 6.36  | 1.11 |
| 06 13 23 00-0059                                        | LF | 4" x 10", Pine, Heavy Timber Column.....   | 8.65  | 1.18 |
| 06 13 23 00-0060                                        | LF | 4" x 12", Pine, Heavy Timber Column.....   | 10.50 | 1.25 |
| 06 13 23 00-0061                                        | LF | 6" x 6", Pine, Heavy Timber Column.....    | 6.94  | 1.14 |
| 06 13 23 00-0062                                        | LF | 6" x 8", Pine, Heavy Timber Column.....    | 8.60  | 1.19 |
| 06 13 23 00-0063                                        | LF | 6" x 10", Pine, Heavy Timber Column.....   | 12.03 | 1.29 |
| 06 13 23 00-0064                                        | LF | 6" x 12", Pine, Heavy Timber Column.....   | 14.63 | 1.32 |
| 06 13 23 00-0065                                        | LF | 8" x 8", Pine, Heavy Timber Column.....    | 10.78 | 1.25 |
| 06 13 23 00-0066                                        | LF | 8" x 10", Pine, Heavy Timber Column.....   | 15.17 | 1.29 |
| 06 13 23 00-0067                                        | LF | 8" x 12", Pine, Heavy Timber Column.....   | 18.67 | 1.35 |
| 06 13 23 00-0068                                        | LF | 10" x 10", Pine, Heavy Timber Column.....  | 18.43 | 1.35 |
| 06 13 23 00-0069                                        | LF | 10" x 12", Pine, Heavy Timber Column.....  | 22.86 | 1.43 |
| 06 13 23 00-0070                                        | LF | 12" x 12", Pine, Heavy Timber Column.....  | 27.13 | 1.59 |
| 06 13 23 00-0071                                        | BF | >12" To 16" Pine, Heavy Timber Column..... | 2.26  | 0.13 |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches. |    |                                            |       |      |

**06 13 23 00-0072 Douglas Fir, Heavy Timber Columns (06 13 23 00-0054)**

|                  |    |                                                 |       |      |
|------------------|----|-------------------------------------------------|-------|------|
| 06 13 23 00-0073 | LF | 4" x 4", Douglas Fir, Heavy Timber Column.....  | 4.32  | 1.02 |
| 06 13 23 00-0074 | LF | 4" x 6", Douglas Fir, Heavy Timber Column.....  | 5.58  | 1.08 |
| 06 13 23 00-0075 | LF | 4" x 8", Douglas Fir, Heavy Timber Column.....  | 6.78  | 1.11 |
| 06 13 23 00-0076 | LF | 4" x 10", Douglas Fir, Heavy Timber Column..... | 9.28  | 1.18 |
| 06 13 23 00-0077 | LF | 4" x 12", Douglas Fir, Heavy Timber Column..... | 11.29 | 1.25 |
| 06 13 23 00-0078 | LF | 6" x 6", Douglas Fir, Heavy Timber Column.....  | 7.40  | 1.14 |
| 06 13 23 00-0079 | LF | 6" x 8", Douglas Fir, Heavy Timber Column.....  | 9.21  | 1.19 |
| 06 13 23 00-0080 | LF | 6" x 10", Douglas Fir, Heavy Timber Column..... | 12.96 | 1.29 |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                 |    |                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 13 23 00-0081                                                                                                             | LF | 6" x 12", Douglas Fir, Heavy Timber Column.....                                                           | 15.83                     | 1.32                    |
| 06 13 23 00-0082                                                                                                             | LF | 8" x 8", Douglas Fir, Heavy Timber Column.....                                                            | 11.61                     | 1.25                    |
| 06 13 23 00-0083                                                                                                             | LF | 8" x 10", Douglas Fir, Heavy Timber Column.....                                                           | 16.43                     | 1.29                    |
| 06 13 23 00-0084                                                                                                             | LF | 8" x 12", Douglas Fir, Heavy Timber Column.....                                                           | 20.27                     | 1.35                    |
| 06 13 23 00-0085                                                                                                             | LF | 10" x 10", Douglas Fir, Heavy Timber Column.....                                                          | 19.99                     | 1.35                    |
| 06 13 23 00-0086                                                                                                             | LF | 10" x 12", Douglas Fir, Heavy Timber Column.....                                                          | 24.84                     | 1.43                    |
| 06 13 23 00-0087                                                                                                             | LF | 12" x 12", Douglas Fir, Heavy Timber Column.....                                                          | 29.52                     | 1.59                    |
| 06 13 23 00-0088                                                                                                             | BF | >12" To 16" Douglas Fir, Heavy Timber Column.....                                                         | 2.46                      | 0.13                    |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.                                                                      |    |                                                                                                           |                           |                         |
| 06 13 23 00-0089 Pressure Treated, Heavy Timber Columns (06 13 23 00-0054)                                                   |    |                                                                                                           |                           |                         |
| 06 13 23 00-0090                                                                                                             | LF | 4" x 4", Pressure Treated, Heavy Timber Column.....                                                       | 4.42                      | 1.02                    |
| 06 13 23 00-0091                                                                                                             | LF | 4" x 6", Pressure Treated, Heavy Timber Column.....                                                       | 5.95                      | 1.08                    |
| 06 13 23 00-0092                                                                                                             | LF | 4" x 8", Pressure Treated, Heavy Timber Column.....                                                       | 7.22                      | 1.11                    |
| 06 13 23 00-0093                                                                                                             | LF | 4" x 10", Pressure Treated, Heavy Timber Column.....                                                      | 9.93                      | 1.18                    |
| 06 13 23 00-0094                                                                                                             | LF | 4" x 12", Pressure Treated, Heavy Timber Column.....                                                      | 12.12                     | 1.25                    |
| 06 13 23 00-0095                                                                                                             | LF | 6" x 6", Pressure Treated, Heavy Timber Column.....                                                       | 8.66                      | 1.14                    |
| 06 13 23 00-0096                                                                                                             | LF | 6" x 8", Pressure Treated, Heavy Timber Column.....                                                       | 10.93                     | 1.19                    |
| 06 13 23 00-0097                                                                                                             | LF | 6" x 10", Pressure Treated, Heavy Timber Column.....                                                      | 13.30                     | 1.29                    |
| 06 13 23 00-0098                                                                                                             | LF | 6" x 12", Pressure Treated, Heavy Timber Column.....                                                      | 16.70                     | 1.32                    |
| 06 13 23 00-0099                                                                                                             | LF | 8" x 8", Pressure Treated, Heavy Timber Column.....                                                       | 16.99                     | 1.25                    |
| 06 13 23 00-0100                                                                                                             | LF | 8" x 10", Pressure Treated, Heavy Timber Column.....                                                      | 19.98                     | 1.29                    |
| 06 13 23 00-0101                                                                                                             | LF | 8" x 12", Pressure Treated, Heavy Timber Column.....                                                      | 23.78                     | 1.35                    |
| 06 13 23 00-0102                                                                                                             | LF | 10" x 10", Pressure Treated, Heavy Timber Column.....                                                     | 23.90                     | 1.35                    |
| 06 13 23 00-0103                                                                                                             | LF | 10" x 12", Pressure Treated, Heavy Timber Column.....                                                     | 32.15                     | 1.43                    |
| 06 13 23 00-0104                                                                                                             | LF | 12" x 12", Pressure Treated, Heavy Timber Column.....                                                     | 38.29                     | 1.59                    |
| 06 13 23 00-0105                                                                                                             | BF | >12" To 16" Pressure Treated, Heavy Timber Column.....                                                    | 3.19                      | 0.13                    |
| Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.                                                                      |    |                                                                                                           |                           |                         |
| 06 15 Wood Decking (06 10)                                                                                                   |    |                                                                                                           |                           |                         |
| 06 15 13 Wood Floor Decking (06 15)                                                                                          |    |                                                                                                           |                           |                         |
| 06 15 13 00-0001 Wood Deck Systems (06 15 13)                                                                                |    |                                                                                                           |                           |                         |
| Note: Includes the deck, joists, girders, railing posts 8" on-center, pickets and railing. Excludes ground posts.            |    |                                                                                                           |                           |                         |
| 06 15 13 00-0002 Pressure Treated Wood Deck System (06 15 13 00-0001)                                                        |    |                                                                                                           |                           |                         |
| 06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)                       |    |                                                                                                           |                           |                         |
| 06 15 13 00-0004                                                                                                             | SF | 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....  | 36.98                     | 7.70                    |
| 06 15 13 00-0005                                                                                                             | SF | 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....  | 35.80                     | 7.33                    |
| 06 15 13 00-0006                                                                                                             | SF | 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....    | 38.37                     | 7.90                    |
| 06 15 13 00-0007                                                                                                             | SF | 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....    | 37.20                     | 7.51                    |
| 06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)                      |    |                                                                                                           |                           |                         |
| 06 15 13 00-0009                                                                                                             | SF | 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System..... | 38.23                     | 7.90                    |
| 06 15 13 00-0010                                                                                                             | SF | 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System..... | 37.00                     | 7.50                    |
| 06 15 13 00-0011                                                                                                             | SF | 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....   | 39.63                     | 8.10                    |
| 06 15 13 00-0012                                                                                                             | SF | 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center.....                     | 38.44                     | 7.69                    |
| 06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)                      |    |                                                                                                           |                           |                         |
| 06 15 13 00-0014                                                                                                             | SF | 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System..... | 36.98                     | 7.70                    |
| 06 15 13 00-0015                                                                                                             | SF | 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System..... | 35.80                     | 7.33                    |
| 06 15 13 00-0016                                                                                                             | SF | 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....   | 38.37                     | 7.90                    |
| 06 15 13 00-0017                                                                                                             | SF | 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....   | 37.20                     | 7.51                    |
| 06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)                                   |    |                                                                                                           |                           |                         |
| 06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)  |    |                                                                                                           |                           |                         |
| 06 15 13 00-0020                                                                                                             | SF | 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....           | 39.47                     | 7.70                    |
| 06 15 13 00-0021                                                                                                             | SF | 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....           | 38.40                     | 7.09                    |
| 06 15 13 00-0022                                                                                                             | SF | 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....             | 41.48                     | 7.90                    |
| 06 15 13 00-0023                                                                                                             | SF | 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....             | 40.13                     | 7.51                    |
| 06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018) |    |                                                                                                           |                           |                         |
| 06 15 13 00-0025                                                                                                             | SF | 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....          | 42.13                     | 7.90                    |
| 06 15 13 00-0026                                                                                                             | SF | 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....          | 41.01                     | 7.50                    |
| 06 15 13 00-0027                                                                                                             | SF | 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....            | 44.29                     | 8.10                    |
| 06 15 13 00-0028                                                                                                             | SF | 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....            | 42.94                     | 7.69                    |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                   |       |      |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 06 15 13 00-0029 | 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)                                                       |       |      |
| 06 15 13 00-0030 | SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                              | 40.46 | 7.70 |
| 06 15 13 00-0031 | SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                              | 39.40 | 7.33 |
| 06 15 13 00-0032 | SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 42.53 | 7.90 |
| 06 15 13 00-0033 | SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 41.98 | 7.51 |
| 06 15 13 00-0034 | Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)                                                                                         |       |      |
| 06 15 13 00-0035 | 2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)                                                        |       |      |
| 06 15 13 00-0036 | SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                               | 38.34 | 7.70 |
| 06 15 13 00-0037 | SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                               | 37.23 | 7.33 |
| 06 15 13 00-0038 | SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                 | 40.21 | 7.90 |
| 06 15 13 00-0039 | SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                 | 38.84 | 7.51 |
| 06 15 13 00-0040 | 2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)                                                       |       |      |
| 06 15 13 00-0041 | SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                              | 40.78 | 7.90 |
| 06 15 13 00-0042 | SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                              | 39.62 | 7.50 |
| 06 15 13 00-0043 | SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                | 42.79 | 8.10 |
| 06 15 13 00-0044 | SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                | 41.86 | 7.69 |
| 06 15 13 00-0045 | 2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)                                                       |       |      |
| 06 15 13 00-0046 | SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                              | 39.99 | 7.70 |
| 06 15 13 00-0047 | SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                              | 38.11 | 7.33 |
| 06 15 13 00-0048 | SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 41.16 | 7.90 |
| 06 15 13 00-0049 | SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 40.22 | 7.51 |
| 06 15 13 00-0050 | Cedar With Pressure Treated Joists Wood Deck System (06 15 13 00-0001)                                                                                            |       |      |
| 06 15 13 00-0051 | 2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)                                                          |       |      |
| 06 15 13 00-0052 | SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                 | 37.88 | 7.70 |
| 06 15 13 00-0053 | SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                 | 36.74 | 7.33 |
| 06 15 13 00-0054 | SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                   | 39.34 | 7.90 |
| 06 15 13 00-0055 | SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                   | 38.22 | 7.51 |
| 06 15 13 00-0056 | 2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)                                                         |       |      |
| 06 15 13 00-0057 | SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                | 39.20 | 7.90 |
| 06 15 13 00-0058 | SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                | 38.41 | 7.50 |
| 06 15 13 00-0059 | SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                  | 40.67 | 8.10 |
| 06 15 13 00-0060 | SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....                                                                  | 39.58 | 7.69 |
| 06 15 13 00-0061 | 2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)                                                         |       |      |
| 06 15 13 00-0062 | SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 38.44 | 7.70 |
| 06 15 13 00-0063 | SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                | 37.30 | 7.33 |
| 06 15 13 00-0064 | SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                  | 39.92 | 7.90 |
| 06 15 13 00-0065 | SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....                                                                  | 38.80 | 7.51 |
| 06 15 13 00-0066 | Wood Ramp Systems (06 15 13)<br>Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts. |       |      |
| 06 15 13 00-0067 | Pressure Treated Wood Ramp System (06 15 13 00-0066)                                                                                                              |       |      |
| 06 15 13 00-0068 | 2" x 6" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)                                                                                              |       |      |
| 06 15 13 00-0069 | SF 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....                                                                    | 43.08 | 7.51 |
| 06 15 13 00-0070 | SF 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....                                                                    | 41.56 | 7.13 |
| 06 15 13 00-0071 | SF 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....                                                                      | 44.58 | 7.70 |
| 06 15 13 00-0072 | SF 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....                                                                      | 43.06 | 7.33 |
| 06 15 13 00-0073 | 2" x 8" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)                                                                                              |       |      |
| 06 15 13 00-0074 | SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....                                                                    | 44.43 | 7.70 |
| 06 15 13 00-0075 | SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....                                                                    | 42.88 | 7.33 |
| 06 15 13 00-0076 | SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....                                                                      | 46.02 | 7.90 |
| 06 15 13 00-0077 | SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....                                                                      | 44.46 | 7.51 |



|                                |  |  |       |
|--------------------------------|--|--|-------|
| Wood, Plastics, and Composites |  |  | 06    |
| Rough Carpentry                |  |  | 06 10 |
| Wood Decking                   |  |  | 06 15 |

| MINOR               |                                                                                                 | TOTAL DIRECT |  | DEMOLITION |  |
|---------------------|-------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI UOM DESCRIPTION |                                                                                                 | UNIT COST    |  | UNIT COST  |  |
| 06 15 13 00-0078    | 2" x 10" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)                           |              |  |            |  |
| 06 15 13 00-0079    | SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System ..... | 45.86        |  | 7.89       |  |
| 06 15 13 00-0080    | SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System ..... | 44.27        |  | 7.50       |  |
| 06 15 13 00-0081    | SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....   | 47.47        |  | 8.10       |  |
| 06 15 13 00-0082    | SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....   | 45.89        |  | 7.69       |  |
| 06 15 13 00-0083    | Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0086)                       |              |  |            |  |
| 06 15 13 00-0084    | 2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)       |              |  |            |  |
| 06 15 13 00-0085    | SF 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....           | 45.42        |  | 7.51       |  |
| 06 15 13 00-0086    | SF 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....           | 44.00        |  | 7.13       |  |
| 06 15 13 00-0087    | SF 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 47.51        |  | 7.70       |  |
| 06 15 13 00-0088    | SF 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 45.81        |  | 7.33       |  |
| 06 15 13 00-0089    | 2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)       |              |  |            |  |
| 06 15 13 00-0090    | SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....           | 46.92        |  | 7.70       |  |
| 06 15 13 00-0091    | SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....           | 45.48        |  | 7.33       |  |
| 06 15 13 00-0092    | SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 49.13        |  | 7.90       |  |
| 06 15 13 00-0093    | SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 47.39        |  | 7.51       |  |
| 06 15 13 00-0094    | 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)      |              |  |            |  |
| 06 15 13 00-0095    | SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....          | 49.77        |  | 7.89       |  |
| 06 15 13 00-0096    | SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....          | 48.28        |  | 7.50       |  |
| 06 15 13 00-0097    | SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 52.13        |  | 8.10       |  |
| 06 15 13 00-0098    | SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 50.90        |  | 7.69       |  |
| 06 15 13 00-0099    | Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0066)                       |              |  |            |  |
| 06 15 13 00-0100    | 2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)       |              |  |            |  |
| 06 15 13 00-0101    | SF 5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....           | 44.36        |  | 7.51       |  |
| 06 15 13 00-0102    | SF 5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....           | 42.89        |  | 7.13       |  |
| 06 15 13 00-0103    | SF 2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 46.31        |  | 7.70       |  |
| 06 15 13 00-0104    | SF 2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 44.60        |  | 7.33       |  |
| 06 15 13 00-0105    | 2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)       |              |  |            |  |
| 06 15 13 00-0106    | SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....           | 45.79        |  | 7.70       |  |
| 06 15 13 00-0107    | SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....           | 44.31        |  | 7.33       |  |
| 06 15 13 00-0108    | SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 47.86        |  | 7.90       |  |
| 06 15 13 00-0109    | SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 46.10        |  | 7.51       |  |
| 06 15 13 00-0110    | 2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)      |              |  |            |  |
| 06 15 13 00-0111    | SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....          | 48.34        |  | 7.89       |  |
| 06 15 13 00-0112    | SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....          | 46.89        |  | 7.50       |  |
| 06 15 13 00-0113    | SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 50.63        |  | 8.10       |  |
| 06 15 13 00-0114    | SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 49.31        |  | 7.69       |  |
| 06 15 13 00-0115    | Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0066)                         |              |  |            |  |
| 06 15 13 00-0116    | 2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)         |              |  |            |  |
| 06 15 13 00-0117    | SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 43.91        |  | 7.51       |  |
| 06 15 13 00-0118    | SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....             | 42.42        |  | 7.13       |  |
| 06 15 13 00-0119    | SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....               | 45.48        |  | 7.70       |  |
| 06 15 13 00-0120    | SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....               | 44.00        |  | 7.33       |  |
| 06 15 13 00-0121    | 2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)         |              |  |            |  |
| 06 15 13 00-0122    | SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 45.31        |  | 7.70       |  |
| 06 15 13 00-0123    | SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....             | 43.80        |  | 7.33       |  |
| 06 15 13 00-0124    | SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....               | 46.97        |  | 7.90       |  |
| 06 15 13 00-0125    | SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....               | 45.46        |  | 7.51       |  |
| 06 15 13 00-0126    | 2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)        |              |  |            |  |
| 06 15 13 00-0127    | SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 46.81        |  | 7.89       |  |
| 06 15 13 00-0128    | SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....            | 45.25        |  | 7.50       |  |
| 06 15 13 00-0129    | SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....              | 48.49        |  | 8.10       |  |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

06 15 13 00-0130 SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....46.95 7.69

**06 15 13 00-0131 Wood Stair Systems** (06 15 13)

Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.

**06 15 13 00-0132 Pressure Treated Wood Stair System** (06 15 13 00-0131)**06 15 13 00-0133 2" x 10" Joists, Pressure Treated Wood Stair System** (06 15 13 00-0132)

06 15 13 00-0134 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....117.00 18.49  
06 15 13 00-0135 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....114.14 17.56  
06 15 13 00-0136 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....120.61 18.96  
06 15 13 00-0137 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....117.16 18.01  
06 15 13 00-0138 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....122.85 19.41  
06 15 13 00-0139 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....119.83 18.45  
06 15 13 00-0140 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....126.65 19.91  
06 15 13 00-0141 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....123.02 18.92  
06 15 13 00-0142 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....128.85 20.39  
06 15 13 00-0143 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....125.68 19.36  
06 15 13 00-0144 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....132.83 20.91  
06 15 13 00-0145 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....129.02 19.85  
06 15 13 00-0146 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....136.80 21.40  
06 15 13 00-0147 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....133.56 20.33  
06 15 13 00-0148 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....141.05 21.96  
06 15 13 00-0149 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....137.11 20.86

**06 15 13 00-0150 2" x 12" Joists, Pressure Treated Wood Stair System** (06 15 13 00-0132)

06 15 13 00-0151 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....119.49 18.95  
06 15 13 00-0152 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....116.08 18.00  
06 15 13 00-0153 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....123.32 19.43  
06 15 13 00-0154 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....119.85 18.47  
06 15 13 00-0155 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....125.47 19.90  
06 15 13 00-0156 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....121.89 18.91  
06 15 13 00-0157 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....129.49 20.41  
06 15 13 00-0158 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....125.84 19.38  
06 15 13 00-0159 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....131.62 20.89  
06 15 13 00-0160 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....127.84 19.84  
06 15 13 00-0161 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....135.82 21.42  
06 15 13 00-0162 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....131.98 20.37  
06 15 13 00-0163 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....139.72 21.95  
06 15 13 00-0164 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....135.83 20.85  
06 15 13 00-0165 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....144.20 22.50  
06 15 13 00-0166 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....140.24 21.37

**06 15 13 00-0167 Redwood With Pressure Treated Joists, Wood Stair System** (06 15 13 00-0131)**06 15 13 00-0168 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System**

06 15 13 00-0169 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....130.79 18.49  
06 15 13 00-0170 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....127.80 17.56  
06 15 13 00-0171 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....135.26 18.96  
06 15 13 00-0172 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....132.25 18.01  
06 15 13 00-0173 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....137.33 19.41  
06 15 13 00-0174 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....134.18 18.45  
06 15 13 00-0175 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....142.03 19.91  
06 15 13 00-0176 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....138.86 18.92  
06 15 13 00-0177 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....143.98 20.39  
06 15 13 00-0178 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....140.68 19.36  
06 15 13 00-0179 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....148.91 20.91  
06 15 13 00-0180 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....145.57 19.85  
06 15 13 00-0181 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....153.45 21.40  
06 15 13 00-0182 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....150.06 20.33  
06 15 13 00-0183 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....158.73 21.96  
06 15 13 00-0184 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....155.32 20.86

**06 15 13 00-0185 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System**

06 15 13 00-0186 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....129.22 18.95  
06 15 13 00-0187 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....126.16 18.00  
06 15 13 00-0188 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....133.45 19.43  
06 15 13 00-0189 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....130.45 18.47  
06 15 13 00-0190 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....135.69 19.90  
06 15 13 00-0191 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....132.47 18.91  
06 15 13 00-0192 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....140.12 20.41  
06 15 13 00-0193 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....136.97 19.38  
06 15 13 00-0194 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....142.29 20.89  
06 15 13 00-0195 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....138.89 19.84  
06 15 13 00-0196 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....146.93 21.42  
06 15 13 00-0197 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....143.61 20.37



| MINOR<br>CSI UOM DESCRIPTION                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 15 13 00-0198 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 151.46                    | 21.95                   |
| 06 15 13 00-0199 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 147.99                    | 20.85                   |
| 06 15 13 00-0200 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 156.42                    | 22.50                   |
| 06 15 13 00-0201 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 153.03                    | 21.37                   |
| 06 15 13 00-0202 Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0131)                              |                           |                         |
| 06 15 13 00-0203 2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0202)             |                           |                         |
| 06 15 13 00-0204 RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 125.97                    | 18.49                   |
| 06 15 13 00-0205 RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 122.83                    | 17.56                   |
| 06 15 13 00-0206 RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 130.20                    | 18.96                   |
| 06 15 13 00-0207 RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 127.00                    | 18.01                   |
| 06 15 13 00-0208 RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System..... | 132.26                    | 19.41                   |
| 06 15 13 00-0209 RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System..... | 128.96                    | 18.45                   |
| 06 15 13 00-0210 RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....   | 136.71                    | 19.91                   |
| 06 15 13 00-0211 RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....   | 133.35                    | 18.92                   |
| 06 15 13 00-0212 RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 138.69                    | 20.39                   |
| 06 15 13 00-0213 RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 135.22                    | 19.36                   |
| 06 15 13 00-0214 RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 143.35                    | 20.91                   |
| 06 15 13 00-0215 RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 139.81                    | 19.85                   |
| 06 15 13 00-0216 RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 147.62                    | 21.40                   |
| 06 15 13 00-0217 RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....    | 144.05                    | 20.33                   |
| 06 15 13 00-0218 RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 152.62                    | 21.96                   |
| 06 15 13 00-0219 RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 148.98                    | 20.86                   |
| 06 15 13 00-0220 2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0202)             |                           |                         |
| 06 15 13 00-0221 RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 124.85                    | 18.95                   |
| 06 15 13 00-0222 RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 121.64                    | 18.00                   |
| 06 15 13 00-0223 RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 128.85                    | 19.43                   |
| 06 15 13 00-0224 RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 125.66                    | 18.47                   |
| 06 15 13 00-0225 RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System..... | 131.10                    | 19.90                   |
| 06 15 13 00-0226 RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System..... | 127.72                    | 18.91                   |
| 06 15 13 00-0227 RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....   | 135.29                    | 20.41                   |
| 06 15 13 00-0228 RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....   | 131.94                    | 19.38                   |
| 06 15 13 00-0229 RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 137.49                    | 20.89                   |
| 06 15 13 00-0230 RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 133.94                    | 19.84                   |
| 06 15 13 00-0231 RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 141.89                    | 21.42                   |
| 06 15 13 00-0232 RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 138.35                    | 20.37                   |
| 06 15 13 00-0233 RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 146.18                    | 21.95                   |
| 06 15 13 00-0234 RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....    | 142.54                    | 20.85                   |
| 06 15 13 00-0235 RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 150.88                    | 22.50                   |
| 06 15 13 00-0236 RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists.....                         | 147.25                    | 21.37                   |
| 06 15 13 00-0237 Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0131)                                |                           |                         |
| 06 15 13 00-0238 2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0237)               |                           |                         |
| 06 15 13 00-0239 RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 120.44                    | 18.49                   |
| 06 15 13 00-0240 RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 117.78                    | 17.56                   |
| 06 15 13 00-0241 RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 124.22                    | 18.96                   |
| 06 15 13 00-0242 RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 120.91                    | 18.01                   |
| 06 15 13 00-0243 RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....   | 126.46                    | 19.41                   |
| 06 15 13 00-0244 RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....   | 123.66                    | 18.45                   |
| 06 15 13 00-0245 RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....     | 130.43                    | 19.91                   |
| 06 15 13 00-0246 RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....     | 126.96                    | 18.92                   |
| 06 15 13 00-0247 RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 132.63                    | 20.39                   |
| 06 15 13 00-0248 RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 129.68                    | 19.36                   |
| 06 15 13 00-0249 RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 136.79                    | 20.91                   |
| 06 15 13 00-0250 RSR 4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 133.14                    | 19.85                   |
| 06 15 13 00-0251 RSR 5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 140.96                    | 21.40                   |
| 06 15 13 00-0252 RSR 5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....      | 137.96                    | 20.33                   |
| 06 15 13 00-0253 RSR 5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 145.40                    | 21.96                   |
| 06 15 13 00-0254 RSR 5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....        | 141.64                    | 20.86                   |
| 06 15 13 00-0255 2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0237)               |                           |                         |
| 06 15 13 00-0256 RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 122.97                    | 18.95                   |
| 06 15 13 00-0257 RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 119.71                    | 18.00                   |
| 06 15 13 00-0258 RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....        | 126.98                    | 19.43                   |
| 06 15 13 00-0259 RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....        | 123.66                    | 18.47                   |
| 06 15 13 00-0260 RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....   | 129.13                    | 19.90                   |
| 06 15 13 00-0261 RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....   | 125.70                    | 18.91                   |
| 06 15 13 00-0262 RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....     | 133.33                    | 20.41                   |
| 06 15 13 00-0263 RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....     | 129.84                    | 19.38                   |
| 06 15 13 00-0264 RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 135.44                    | 20.89                   |
| 06 15 13 00-0265 RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....      | 131.82                    | 19.84                   |
| 06 15 13 00-0266 RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....        | 139.84                    | 21.42                   |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |     |                                                                                                 |        |       |
|------------------|-----|-------------------------------------------------------------------------------------------------|--------|-------|
| 06 15 13 00-0267 | RSR | 4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....   | 136.16 | 20.37 |
| 06 15 13 00-0268 | RSR | 5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System ..... | 143.92 | 21.95 |
| 06 15 13 00-0269 | RSR | 5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System ..... | 140.21 | 20.85 |
| 06 15 13 00-0270 | RSR | 5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....   | 148.62 | 22.50 |
| 06 15 13 00-0271 | RSR | 5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....   | 144.84 | 21.37 |

**06 15 13 00-0272 Wood Deck And Ramp Systems Repairs** (06 15 13)

Note: Includes removal of material and screws. Excludes anchors and bolts.

**06 15 13 00-0273 Deck Joist Or Girt** (06 15 13 00-0272)

See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

**06 15 13 00-0274 Deck Boards** (06 15 13 00-0272)

See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

|                  |    |                                                        |      |      |
|------------------|----|--------------------------------------------------------|------|------|
| 06 15 13 00-0275 | LF | 5/4" x 4" Round Edge Pressure Treated Deck Boards..... | 2.01 | 0.84 |
| 06 15 13 00-0276 | LF | 5/4" x 6" Round Edge Pressure Treated Deck Boards..... | 2.23 | 1.00 |
| 06 15 13 00-0277 | LF | 2" x 4" Round Edge Pressure Treated Deck Boards.....   | 2.14 | 1.00 |
| 06 15 13 00-0278 | LF | 2" x 6" Round Edge Pressure Treated Deck Boards.....   | 2.79 | 1.15 |
| 06 15 13 00-0279 | LF | 2" x 8" Round Edge Pressure Treated Deck Boards.....   | 3.55 | 1.37 |
| 06 15 13 00-0280 | LF | 2" x 10" Round Edge Pressure Treated Deck Boards.....  | 4.35 | 1.69 |
| 06 15 13 00-0281 | LF | 2" x 12" Round Edge Pressure Treated Deck Boards.....  | 5.35 | 1.99 |
| 06 15 13 00-0282 | LF | 2" x 4" Round Edge Cedar Deck Boards .....             | 2.46 | 1.00 |
| 06 15 13 00-0283 | LF | 2" x 6" Round Edge Cedar Deck Boards .....             | 3.16 | 1.15 |
| 06 15 13 00-0284 | LF | 2" x 4" Round Edge Redwood Deck Boards .....           | 2.68 | 1.00 |
| 06 15 13 00-0285 | LF | 2" x 6" Round Edge Redwood Deck Boards .....           | 3.50 | 1.15 |

**06 15 13 00-0286 Deck Posts** (06 15 13 00-0272)

See CSI section 06 11 16 00-0105 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

**06 15 13 00-0287 Deck Railing And Pickets** (06 15 13 00-0272)

See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

|                  |    |                                                   |      |      |
|------------------|----|---------------------------------------------------|------|------|
| 06 15 13 00-0288 | LF | 2" x 4" Pressure Treated Deck Railing.....        | 2.14 | 1.00 |
| 06 15 13 00-0289 | LF | 2" x 2" Pressure Treated Deck Railing Picket..... | 1.55 | 0.76 |
| 06 15 13 00-0290 | LF | 2" x 4" Cedar Deck Railing.....                   | 2.46 | 1.00 |
| 06 15 13 00-0291 | LF | 2" x 2" Cedar Deck Railing Picket.....            | 1.86 | 0.76 |
| 06 15 13 00-0292 | LF | 2" x 4" Redwood Deck Railing .....                | 2.68 | 1.00 |
| 06 15 13 00-0293 | LF | 2" x 2" Redwood Deck Railing Picket.....          | 2.03 | 0.76 |

**06 16 Sheathing** (06 10)**06 16 23 Subflooring** (06 16)**06 16 23 00-0001 Board Type Subflooring** (06 16 23)

|                  |    |                                                  |      |      |
|------------------|----|--------------------------------------------------|------|------|
| 06 16 23 00-0002 | SF | 1" x 8" Regular Surface Board Type Subfloor..... | 3.29 | 0.87 |
|------------------|----|--------------------------------------------------|------|------|

Note: 4 Sides Laid In A Regular Pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.13

For Tongue And Groove, Add

0.09

|                  |    |                                                    |      |      |
|------------------|----|----------------------------------------------------|------|------|
| 06 16 23 00-0003 | SF | 1" x 8" Diagonal Surface Board Type Subfloor ..... | 3.65 | 1.10 |
|------------------|----|----------------------------------------------------|------|------|

Note: 4 Sides Laid In A Diagonal Pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.13

For Tongue And Groove, Add

0.09

|                  |    |                                                    |      |      |
|------------------|----|----------------------------------------------------|------|------|
| 06 16 23 00-0004 | SF | 1" x 10" Regular Surface Board Type Subfloor ..... | 3.16 | 0.76 |
|------------------|----|----------------------------------------------------|------|------|

Note: 4 sides laid in a regular pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.14

For Tongue And Groove, Add

0.10

|                  |    |                                                     |      |      |
|------------------|----|-----------------------------------------------------|------|------|
| 06 16 23 00-0005 | SF | 1" x 10" Diagonal Surface Board Type Subfloor ..... | 3.42 | 0.87 |
|------------------|----|-----------------------------------------------------|------|------|

Note: 4 sides laid in a diagonal pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.14

For Tongue And Groove, Add

0.10

**06 16 33 Wood Board Sheathing** (06 16)**06 16 33 00-0001 Plywood** (06 16 33)**06 16 33 00-0002 Roof Decking** (06 16 33 00-0001)



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Rough Carpentry                |  |  | 06 10 |    |
| Sheathing                      |  |  | 06 16 |    |

| MINOR            |     |                                                                                                           |       | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-----------------------------------------------------------------------------------------------------------|-------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                               |       | UNIT COST    | UNIT COST  |
| 06 16 33 00-0003 | SF  | 3/8" Thick CDX Plywood Roof Decking .....                                                                 | 1.99  | 0.55         |            |
|                  |     | Note: Applied to wood rafters.                                                                            |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.26  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.11  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.26  |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.34  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 1.94  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.55  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.04 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.06 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.11 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.15 |              |            |
| 06 16 33 00-0004 | SF  | 1/2" Thick CDX Plywood Roof Decking .....                                                                 | 2.25  | 0.66         |            |
|                  |     | Note: Applied to wood rafters.                                                                            |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.28  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.13  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.28  |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.41  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.10  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.67  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.08 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.13 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.17 |              |            |
| 06 16 33 00-0005 | SF  | 5/8" Thick CDX Plywood Roof Decking .....                                                                 | 2.60  | 0.66         |            |
|                  |     | Note: Applied to wood rafters.                                                                            |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.30  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.16  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.30  |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.52  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.27  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.86  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.10 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.16 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.21 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.08  |              |            |
| 06 16 33 00-0006 | SF  | 3/4" Thick CDX Plywood Roof Decking .....                                                                 | 2.89  | 0.76         |            |
|                  |     | Note: Applied to wood rafters.                                                                            |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.33  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.19  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.33  |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.60  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.45  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.00  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.08 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.11 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.18 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.23 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.09  |              |            |
| 06 16 33 00-0007 | SF  | 1" Thick CDX Plywood Roof Decking .....                                                                   | 3.49  | 0.87         |            |
|                  |     | Note: Applied to wood rafters.                                                                            |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.36  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.26  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.36  |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.82  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.67  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.35  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.10 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.15 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.23 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.29 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.12  |              |            |
| 06 16 33 00-0008 |     | Wall Sheathing (06 16 33 00-0001)                                                                         |       |              |            |
| 06 16 33 00-0009 | SF  | 1/4" Interior BC Plywood Wall Sheathing.....                                                              | 2.32  | 0.76         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.33  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.10  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.33  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.16  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.45  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.55  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.04 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.06 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.12 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.16 |              |            |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

| MINOR            |     |                                                                                                           |       | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-----------------------------------------------------------------------------------------------------------|-------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                               |       | UNIT COST    | UNIT COST  |
| 06 16 33 00-0010 | SF  | 5/16" Interior BC Plywood Wall Sheathing.....                                                             | 2.36  | 0.76         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.33  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.11  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.33  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.16  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.45  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.58  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.04 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.12 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.17 |              |            |
| 06 16 33 00-0011 | SF  | 3/8" Interior BC Plywood Wall Sheathing.....                                                              | 2.42  | 0.87         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.33  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.12  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.33  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.16  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.45  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.62  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.13 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.18 |              |            |
| 06 16 33 00-0012 | SF  | 1/2" Interior BC Plywood Wall Sheathing.....                                                              | 2.74  | 0.87         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.35  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.15  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.35  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.17  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.61  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.79  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.06 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.09 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.15 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.21 |              |            |
| 06 16 33 00-0013 | SF  | 5/8" Interior BC Plywood Wall Sheathing.....                                                              | 3.11  | 0.99         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.37  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.19  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.37  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.19  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.81  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.98  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.11 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.18 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.24 |              |            |
| 06 16 33 00-0014 | SF  | 3/4" Interior BC Plywood Wall Sheathing.....                                                              | 3.43  | 1.10         |            |
|                  |     | Note: Applied to wall studs.                                                                              |       |              |            |
|                  |     | For Shear Wall Construction, Add                                                                          | 0.40  |              |            |
|                  |     | For Exterior CC Grade Plywood, Add                                                                        | 0.21  |              |            |
|                  |     | For Application To Metal Studs, Joists, Or Rafters, Add                                                   | 0.40  |              |            |
|                  |     | For Ceiling Installation, Add                                                                             | 0.20  |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 3.02  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.12  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.09 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.13 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.21 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.27 |              |            |
| 06 16 33 00-0015 |     | <b>Floor Decking</b> (06 16 33 00-0001)                                                                   |       |              |            |
|                  |     | Note: Includes patching of seams and all fastener holes where necessary.                                  |       |              |            |
| 06 16 33 00-0016 | SF  | 5/16" CD Grade Plywood Floor Decking.....                                                                 | 1.77  | 0.66         |            |
|                  |     | Note: Applied to floor or joists.                                                                         |       |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 1.85  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.43  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.03 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.09 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.13 |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.26  |              |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.10  |              |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.08  |              |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.05  |              |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.42  |              |            |





|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Rough Carpentry                |  |  | 06 10 |    |
| Sheathing                      |  |  | 06 16 |    |

| MINOR            |     | DESCRIPTION                                                                                               | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-----------------------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM |                                                                                                           | UNIT COST    | UNIT COST  |
| 06 16 33 00-0017 | SF  | 3/8" CD Grade Plywood Floor Decking.....                                                                  | 1.86         | 0.66       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 1.94         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.45         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.03        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.05        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.09        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.13        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.27         |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.11         |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.08         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.05         |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.45         |            |
| 06 16 33 00-0018 | SF  | 1/2" CD Grade Plywood Floor Decking.....                                                                  | 2.12         | 0.66       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.04         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.60         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.07        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.12        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.16        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.36         |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.14         |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.11         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.07         |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.60         |            |
| 06 16 33 00-0019 | SF  | 5/8" CD Grade Plywood Floor Decking.....                                                                  | 2.44         | 0.66       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.24         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.75         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.06        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.09        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.14        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.19        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.46         |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.18         |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.14         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.09         |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.74         |            |
| 06 16 33 00-0020 | SF  | 3/4" CD Grade Plywood Floor Decking.....                                                                  | 2.79         | 0.66       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.37         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.96         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.07        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.11        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.17        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.22        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.58         |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.22         |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.18         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.11         |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.95         |            |
| 06 16 33 00-0021 | SF  | 1-1/8" CD Grade Plywood Floor Decking.....                                                                | 4.17         | 0.99       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.82         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.81         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.14        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.21        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.30        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.37        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 1.10         |            |
|                  |     | For Fir Plywood, Add                                                                                      | 0.42         |            |
|                  |     | For BC Grade Plywood, Add                                                                                 | 0.34         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.21         |            |
|                  |     | For Marine Grade, Add                                                                                     | 1.79         |            |
| 06 16 33 00-0022 | SF  | 1/2" AC Fir Plywood Floor Decking.....                                                                    | 2.57         | 0.66       |
|                  |     | Note: Applied to floor or joists.                                                                         |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.04         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.96         |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.07        |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.11        |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.17        |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.21        |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.58         |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.11         |            |
|                  |     | For Marine Grade, Add                                                                                     | 0.95         |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.08         |            |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

| MINOR            |     |                                                                                                           |       | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-----------------------------------------------------------------------------------------------------------|-------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                               |       | UNIT COST    | UNIT COST  |
| 06 16 33 00-0023 | SF  | 5/8" AC Fir Plywood Floor Decking.....                                                                    | 2.96  | 0.66         |            |
|                  |     | Note: Applied to floor or joists.                                                                         |       |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.24  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.16  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.09 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.13 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.20 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.25 |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.71  |              |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.14  |              |            |
|                  |     | For Marine Grade, Add                                                                                     | 1.15  |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.10  |              |            |
| 06 16 33 00-0024 | SF  | 3/4" AC Fir Plywood Floor Decking.....                                                                    | 3.18  | 0.66         |            |
|                  |     | Note: Applied to floor or joists.                                                                         |       |              |            |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add | 2.37  |              |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.26  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.10 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.14 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.22 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.27 |              |            |
|                  |     | For ACQ Preservative Treatment, Add                                                                       | 0.77  |              |            |
|                  |     | For Exterior Glue, Add                                                                                    | 0.15  |              |            |
|                  |     | For Marine Grade, Add                                                                                     | 1.25  |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.11  |              |            |
| 06 16 33 00-0025 |     | <b>Underlayment Grade</b> (06 16 33 00-0001)                                                              |       |              |            |
|                  |     | Note: Includes patching of seams and all fastener holes where necessary.                                  |       |              |            |
| 06 16 33 00-0026 | SF  | 1/4" Thick Plywood Underlayment BC Grade.....                                                             | 1.90  | 0.66         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.51  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.04 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.06 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.09 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.14 |              |            |
| 06 16 33 00-0027 | SF  | 3/8" Thick Plywood Underlayment BC Grade.....                                                             | 2.03  | 0.66         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.55  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.04 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.06 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.10 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.15 |              |            |
| 06 16 33 00-0028 | SF  | 1/2" Thick Plywood Underlayment BC Grade.....                                                             | 2.11  | 0.76         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.60  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.10 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.16 |              |            |
| 06 16 33 00-0029 | SF  | 5/8" Thick Plywood Underlayment BC Grade.....                                                             | 2.41  | 0.76         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.71  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.08 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.12 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.18 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.06  |              |            |
| 06 16 33 00-0030 | SF  | 3/4" Thick Plywood Underlayment BC Grade.....                                                             | 2.60  | 0.76         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.86  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.07 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.10 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.14 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.21 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.08  |              |            |
| 06 16 33 00-0031 | SF  | 1-1/8" Thick Plywood Underlayment BC Grade.....                                                           | 3.35  | 0.87         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.31  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.10 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.15 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.19 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.28 |              |            |
|                  |     | For Tongue And Groove, Add                                                                                | 0.12  |              |            |
| 06 16 33 00-0032 | SF  | 3/8" Thick CDX Plywood Underlayment Grade.....                                                            | 2.19  | 0.66         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 0.68  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.05 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.08 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.11 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.17 |              |            |
| 06 16 33 00-0033 | SF  | 5/8" Thick CDX Plywood Underlayment Grade.....                                                            | 2.79  | 0.76         |            |
|                  |     | For Fire Retardant Treatment, Add                                                                         | 1.03  |              |            |
|                  |     | For >1,696 To 3,200, Deduct                                                                               | -0.08 |              |            |
|                  |     | For >3,200 To 6,400, Deduct                                                                               | -0.12 |              |            |
|                  |     | For >6,400 To 12,800, Deduct                                                                              | -0.15 |              |            |
|                  |     | For >12,800, Deduct                                                                                       | -0.23 |              |            |
| 06 16 33 00-0034 |     | <b>Oriented Strand Board</b> (06 16 33)                                                                   |       |              |            |
| 06 16 33 00-0035 |     | <b>On Roof</b> (06 16 33 00-0034)                                                                         |       |              |            |



| MINOR            | CSI | UOM                                                                                               | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 06 16 33 00-0036 | SF  | 3/8" Thick Structural Oriented Strand Board (OSB) On Roof                                         | .....       | 1.71                   | 0.66                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.08                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.11                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.33                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 1.94                   |                      |
| 06 16 33 00-0037 | SF  | 1/2" Thick Structural Oriented Strand Board (OSB) On Roof                                         | .....       | 1.89                   | 0.66                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.09                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.13                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.39                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.10                   |                      |
| 06 16 33 00-0038 | SF  | 5/8" Thick Structural Oriented Strand Board (OSB) On Roof                                         | .....       | 2.22                   | 0.76                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.06                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.12                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.16                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.56                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.27                   |                      |
| 06 16 33 00-0039 | SF  | 3/4" Thick Structural Oriented Strand Board (OSB) On Roof                                         | .....       | 2.57                   | 0.76                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.06                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.08                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.14                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.19                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.74                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.45                   |                      |
| 06 16 33 00-0040 |     | On Walls (06 16 33 00-0034)                                                                       |             |                        |                      |
| 06 16 33 00-0041 | SF  | 3/8" Thick Structural Oriented Strand Board (OSB) On Walls                                        | .....       | 2.05                   | 0.76                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.09                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.13                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.33                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.45                   |                      |
| 06 16 33 00-0042 | SF  | 1/2" Thick Structural Oriented Strand Board (OSB) On Walls                                        | .....       | 2.23                   | 0.87                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.10                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.15                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.39                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.61                   |                      |
| 06 16 33 00-0043 | SF  | 5/8" Thick Structural Oriented Strand Board (OSB) On Walls                                        | .....       | 2.58                   | 0.99                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.06                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.12                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.18                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.56                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.81                   |                      |
| 06 16 33 00-0044 | SF  | 3/4" Thick Structural Oriented Strand Board (OSB) On Walls                                        | .....       | 2.95                   | 0.99                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.06                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.08                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.15                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.21                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.74                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 3.02                   |                      |
| 06 16 33 00-0045 |     | On Floors (06 16 33 00-0034)                                                                      |             |                        |                      |
|                  |     | Note: Includes patching of seams and all fastener holes where necessary.                          |             |                        |                      |
| 06 16 33 00-0046 | SF  | 3/8" Thick Structural Oriented Strand Board (OSB) On Floors                                       | .....       | 1.73                   | 0.66                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.08                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.12                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.33                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 1.97                   |                      |
| 06 16 33 00-0047 | SF  | 1/2" Thick Structural Oriented Strand Board (OSB) On Floors                                       | .....       | 2.07                   | 0.76                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.03                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.09                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.14                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.39                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.37                   |                      |
| 06 16 33 00-0048 | SF  | 5/8" Thick Structural Oriented Strand Board (OSB) On Floors                                       | .....       | 2.43                   | 0.87                 |
|                  |     | For >1,408 To 3,200, Deduct                                                                       | .....       | -0.04                  |                      |
|                  |     | For >3,200 To 6,400, Deduct                                                                       | .....       | -0.06                  |                      |
|                  |     | For >6,400 To 12,800, Deduct                                                                      | .....       | -0.12                  |                      |
|                  |     | For >12,800, Deduct                                                                               | .....       | -0.17                  |                      |
|                  |     | For Fire Retardant Treatment, Add                                                                 | .....       | 0.56                   |                      |
|                  |     | For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add | .....       | 2.58                   |                      |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT                                                     |           | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                          | UNIT COST                                                        | UNIT COST | UNIT COST  |
| 06 16 33 00-0049 | SF 3/4" Thick Structural Oriented Strand Board (OSB) On Floors .....<br>For >1,408 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct<br>For Fire Retardant Treatment, Add<br>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add                                                      | 2.81<br>-0.06<br>-0.08<br>-0.15<br>-0.21<br>0.74<br>2.81         | 0.99      |            |
| 06 16 33 00-0050 | Particle Board (06 16 33)                                                                                                                                                                                                                                                                                                                                                                |                                                                  |           |            |
| 06 16 33 00-0051 | Particle Board Floor Decking (06 16 33 00-0050)<br>Note: Includes patching of seams and all fastener holes where necessary.                                                                                                                                                                                                                                                              |                                                                  |           |            |
| 06 16 33 00-0052 | SF 3/8" Particle Board Floor Decking .....<br>Note: Applied to plywood subfloor.<br>For Fire Retardant Treatment Add<br>For >1,536 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct<br>For Tongue And Groove, Add                                                                                                                  | 1.93<br>0.51<br>-0.04<br>-0.06<br>-0.10<br>-0.14<br>0.04         | 0.55      |            |
| 06 16 33 00-0053 | SF 1/2" Particle Board Floor Decking .....<br>Note: Applied to plywood subfloor.<br>For Fire Retardant Treatment Add<br>For >1,536 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct<br>For Tongue And Groove, Add                                                                                                                  | 2.23<br>0.69<br>-0.05<br>-0.08<br>-0.13<br>-0.17<br>0.06         | 0.55      |            |
| 06 16 33 00-0054 | SF 5/8" Particle Board Floor Decking .....<br>Note: Applied to plywood subfloor.<br>For Fire Retardant Treatment Add<br>For >1,536 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct<br>For Tongue And Groove, Add                                                                                                                  | 2.52<br>0.86<br>-0.07<br>-0.10<br>-0.16<br>-0.20<br>0.08         | 0.66      |            |
| 06 16 33 00-0055 | SF 3/4" Particle Board Floor Decking .....<br>Note: Applied to plywood subfloor.<br>For Fire Retardant Treatment Add<br>For >1,536 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct<br>For Tongue And Groove, Add                                                                                                                  | 2.81<br>1.01<br>-0.08<br>-0.12<br>-0.18<br>-0.23<br>0.09         | 0.66      |            |
| 06 16 43         | <b>Gypsum Sheathing (06 16)</b>                                                                                                                                                                                                                                                                                                                                                          |                                                                  |           |            |
| 06 16 43 00-0001 | Exterior Gypsum Sheathing (06 16 43)<br>Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.                                                                                                                                                                                                                                                         |                                                                  |           |            |
| 06 16 43 00-0002 | SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold) .....<br>For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add<br>For Application To Metal Studs, Joists, Or Rafters, Add<br>For Ceiling Installation, Add<br>For >1,696 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct | 3.23<br>2.61<br>0.35<br>0.17<br>-0.09<br>-0.13<br>-0.21<br>-0.27 | 0.87      |            |
| 06 16 43 00-0003 | SF 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) .....<br>For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add<br>For Application To Metal Studs, Joists, Or Rafters, Add<br>For Ceiling Installation, Add<br>For >1,696 To 3,200, Deduct<br>For >3,200 To 6,400, Deduct<br>For >6,400 To 12,800, Deduct<br>For >12,800, Deduct | 3.50<br>2.81<br>0.37<br>0.19<br>-0.10<br>-0.15<br>-0.23<br>-0.29 | 1.10      |            |
| 06 17            | <b>Shop-Fabricated Structural Wood (06 10)</b>                                                                                                                                                                                                                                                                                                                                           |                                                                  |           |            |
| 06 17 13         | <b>Laminated Veneer Lumber (06 17)</b>                                                                                                                                                                                                                                                                                                                                                   |                                                                  |           |            |
| 06 17 13 00-0001 | Laminated Veneer Lumber (LVL) (06 17 13)                                                                                                                                                                                                                                                                                                                                                 |                                                                  |           |            |
| 06 17 13 00-0002 | LF 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                         | 7.07                                                             | 1.89      |            |
| 06 17 13 00-0003 | LF 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                         | 7.71                                                             | 1.92      |            |
| 06 17 13 00-0004 | LF 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                         | 8.46                                                             | 1.95      |            |
| 06 17 13 00-0005 | LF 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                        | 9.41                                                             | 1.98      |            |
| 06 17 13 00-0006 | LF 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                            | 10.12                                                            | 2.01      |            |
| 06 17 13 00-0007 | LF 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                            | 11.11                                                            | 2.08      |            |
| 06 17 13 00-0008 | LF 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                            | 12.53                                                            | 2.12      |            |
| 06 17 13 00-0009 | LF 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL) .....                                                                                                                                                                                                                                                                                                                            | 17.03                                                            | 2.41      |            |
| 06 17 23         | <b>Parallel Strand Lumber (06 17)</b>                                                                                                                                                                                                                                                                                                                                                    |                                                                  |           |            |



| MINOR               |                                                                                                                                                    |                                                                                                        |  |  | TOTAL DIRECT | DEMOLITION |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|--|--------------|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                    |                                                                                                        |  |  | UNIT COST    | UNIT COST  |
|                     |                                                                                                                                                    |                                                                                                        |  |  |              |            |
| 06 17 23 00-0001    | Laminated Strand Lumber (LSL) (06 17 23)                                                                                                           |                                                                                                        |  |  |              |            |
| 06 17 23 00-0002    | LF                                                                                                                                                 | 2" x 4" Laminated Strand Lumber (LSL) .....                                                            |  |  | 2.44         | 0.87       |
| 06 17 23 00-0003    | LF                                                                                                                                                 | 2" x 6" Laminated Strand Lumber (LSL) .....                                                            |  |  | 3.24         | 0.93       |
|                     |                                                                                                                                                    |                                                                                                        |  |  |              |            |
| 06 17 33            | Wood I-Joists (06 17)                                                                                                                              |                                                                                                        |  |  |              |            |
| 06 17 33 00-0001    | Prefabricated Wood I-Joists (06 17 33)                                                                                                             |                                                                                                        |  |  |              |            |
| 06 17 33 00-0002    | LF                                                                                                                                                 | 9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....  |  |  | 4.50         | 1.29       |
|                     |                                                                                                                                                    | For I-Joists 30' To 40' In Length, Add .....                                                           |  |  | 0.56         |            |
|                     |                                                                                                                                                    | For I-Joists >40' In Length, Add .....                                                                 |  |  | 1.38         |            |
| 06 17 33 00-0003    | LF                                                                                                                                                 | 11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length ..... |  |  | 4.87         | 1.43       |
|                     |                                                                                                                                                    | For I-Joists 30' To 40' In Length, Add .....                                                           |  |  | 0.63         |            |
|                     |                                                                                                                                                    | For I-Joists >40' In Length, Add .....                                                                 |  |  | 1.54         |            |
| 06 17 33 00-0004    | LF                                                                                                                                                 | 14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....     |  |  | 5.68         | 1.60       |
|                     |                                                                                                                                                    | For I-Joists 30' To 40' In Length, Add .....                                                           |  |  | 0.71         |            |
|                     |                                                                                                                                                    | For I-Joists >40' In Length, Add .....                                                                 |  |  | 1.74         |            |
| 06 17 33 00-0005    | LF                                                                                                                                                 | 16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....     |  |  | 6.38         | 1.79       |
|                     |                                                                                                                                                    | For I-Joists 30' To 40' In Length, Add .....                                                           |  |  | 0.79         |            |
|                     |                                                                                                                                                    | For I-Joists >40' In Length, Add .....                                                                 |  |  | 1.93         |            |
|                     |                                                                                                                                                    |                                                                                                        |  |  |              |            |
| 06 17 43            | Rim Boards (06 17)                                                                                                                                 |                                                                                                        |  |  |              |            |
| 06 17 43 00-0001    | Oriented Strand Board (OSB) Rim Board (06 17 43)                                                                                                   |                                                                                                        |  |  |              |            |
| 06 17 43 00-0002    | LF                                                                                                                                                 | 1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board .....                                 |  |  | 5.85         | 1.95       |
| 06 17 43 00-0003    | LF                                                                                                                                                 | 1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board .....                                |  |  | 6.36         | 1.98       |
| 06 17 43 00-0004    | LF                                                                                                                                                 | 1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board .....                                    |  |  | 6.96         | 2.01       |
|                     |                                                                                                                                                    |                                                                                                        |  |  |              |            |
| 06 17 53            | Shop-Fabricated Wood Trusses (06 17)                                                                                                               |                                                                                                        |  |  |              |            |
|                     | Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.                                                                |                                                                                                        |  |  |              |            |
| 06 17 53 00-0001    | Pre-Assembled Wood Roof Trusses (06 17 53)                                                                                                         |                                                                                                        |  |  |              |            |
|                     | Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'. |                                                                                                        |  |  |              |            |
| 06 17 53 00-0002    | EA                                                                                                                                                 | 10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 185.83       | 75.07      |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 2.68         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -1.78        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 1.07         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 2.86         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 5.35         |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 7.14         |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 8.57         |            |
| 06 17 53 00-0003    | EA                                                                                                                                                 | 12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 206.12       | 82.23      |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 3.13         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -2.08        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 1.25         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 3.33         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 6.25         |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 8.34         |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 10.00        |            |
| 06 17 53 00-0004    | EA                                                                                                                                                 | 14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 228.90       | 89.37      |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 3.76         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -2.51        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 1.50         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 4.01         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 7.52         |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 10.03        |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 12.04        |            |
| 06 17 53 00-0005    | EA                                                                                                                                                 | 16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 258.22       | 96.52      |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 4.89         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -3.26        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 1.96         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 5.21         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 9.78         |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 13.04        |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 15.64        |            |
| 06 17 53 00-0006    | EA                                                                                                                                                 | 18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 283.78       | 103.67     |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 5.73         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -3.82        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 2.29         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 6.12         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 11.47        |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 15.29        |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 18.35        |            |
| 06 17 53 00-0007    | EA                                                                                                                                                 | 20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope .....                                                 |  |  | 300.16       | 114.39     |
|                     |                                                                                                                                                    | For Up To 15, Add .....                                                                                |  |  | 5.35         |            |
|                     |                                                                                                                                                    | For >35, Deduct .....                                                                                  |  |  | -3.57        |            |
|                     |                                                                                                                                                    | For 3 In 12 Slope, Add .....                                                                           |  |  | 2.14         |            |
|                     |                                                                                                                                                    | For 5 In 12 Slope, Add .....                                                                           |  |  | 5.71         |            |
|                     |                                                                                                                                                    | For 6 In 12 Slope, Add .....                                                                           |  |  | 10.71        |            |
|                     |                                                                                                                                                    | For 7 In 12 Slope, Add .....                                                                           |  |  | 14.27        |            |
|                     |                                                                                                                                                    | For 8 In 12 Slope, Add .....                                                                           |  |  | 17.13        |            |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

| MINOR            | CSI | UOM | DESCRIPTION                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------|---------------------------|-------------------------|
| 06 17 53 00-0008 | EA  |     | 22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 316.54                    | 182.32                  |
|                  |     |     | For Up To 15, Add                                     | 5.51                      |                         |
|                  |     |     | For >35, Deduct                                       | -3.67                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 2.20                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 5.88                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 11.02                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 14.69                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 17.63                     |                         |
| 06 17 53 00-0009 | EA  |     | 24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 337.07                    | 128.69                  |
|                  |     |     | For Up To 15, Add                                     | 5.98                      |                         |
|                  |     |     | For >35, Deduct                                       | -3.98                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 2.39                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 6.37                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 11.95                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 15.94                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 19.12                     |                         |
| 06 17 53 00-0010 | EA  |     | 26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 358.27                    | 203.76                  |
|                  |     |     | For Up To 15, Add                                     | 6.49                      |                         |
|                  |     |     | For >35, Deduct                                       | -4.33                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 2.60                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 6.93                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 12.99                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 17.32                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 20.78                     |                         |
| 06 17 53 00-0011 | EA  |     | 28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 380.37                    | 142.99                  |
|                  |     |     | For Up To 15, Add                                     | 7.08                      |                         |
|                  |     |     | For >35, Deduct                                       | -4.72                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 2.83                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 7.55                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 14.16                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 18.88                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 22.65                     |                         |
| 06 17 53 00-0012 | EA  |     | 30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 397.66                    | 225.21                  |
|                  |     |     | For Up To 15, Add                                     | 7.30                      |                         |
|                  |     |     | For >35, Deduct                                       | -4.87                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 2.92                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 7.79                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 14.61                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 19.48                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 23.37                     |                         |
| 06 17 53 00-0013 | EA  |     | 32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 414.55                    | 153.71                  |
|                  |     |     | For Up To 15, Add                                     | 8.03                      |                         |
|                  |     |     | For >35, Deduct                                       | -5.36                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 3.21                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 8.57                      |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 16.07                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 21.42                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 25.71                     |                         |
| 06 17 53 00-0014 | EA  |     | 34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 450.17                    | 241.37                  |
|                  |     |     | For Up To 15, Add                                     | 9.63                      |                         |
|                  |     |     | For >35, Deduct                                       | -6.42                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 3.85                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 10.27                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 19.26                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 25.69                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 30.82                     |                         |
| 06 17 53 00-0015 | EA  |     | 36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 467.42                    | 164.44                  |
|                  |     |     | For Up To 15, Add                                     | 10.39                     |                         |
|                  |     |     | For >35, Deduct                                       | -6.93                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 4.16                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 11.08                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 20.78                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 27.71                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 33.25                     |                         |
| 06 17 53 00-0016 | EA  |     | 38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 491.19                    | 257.39                  |
|                  |     |     | For Up To 15, Add                                     | 11.10                     |                         |
|                  |     |     | For >35, Deduct                                       | -7.40                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 4.44                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 11.84                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 22.20                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 29.60                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 35.52                     |                         |
| 06 17 53 00-0017 | EA  |     | 40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 508.66                    | 178.74                  |
|                  |     |     | For Up To 15, Add                                     | 11.34                     |                         |
|                  |     |     | For >35, Deduct                                       | -7.56                     |                         |
|                  |     |     | For 3 In 12 Slope, Add                                | 4.54                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                | 12.09                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                | 22.68                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                | 30.23                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                | 36.28                     |                         |



|                                 |  |  |       |    |
|---------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites  |  |  | 06    | 06 |
| Rough Carpentry                 |  |  | 06 10 |    |
| Shop-Fabricated Structural Wood |  |  | 06 17 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------|------------------------|----------------------|
| 06 17 53 00-0018 | EA  |     | 42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 554.91                 | 278.83               |
|                  |     |     | For Up To 15, Add                                     | 13.73                  |                      |
|                  |     |     | For >35, Deduct                                       | -9.16                  |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 5.49                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 14.65                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 27.47                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 36.63                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 43.95                  |                      |
| 06 17 53 00-0019 | EA  |     | 44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 600.31                 | 193.04               |
|                  |     |     | For Up To 15, Add                                     | 16.07                  |                      |
|                  |     |     | For >35, Deduct                                       | -10.71                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 6.43                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 17.14                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 32.13                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 42.85                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 51.42                  |                      |
| 06 17 53 00-0020 | EA  |     | 46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 621.51                 | 200.19               |
|                  |     |     | For Up To 15, Add                                     | 16.58                  |                      |
|                  |     |     | For >35, Deduct                                       | -11.06                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 6.63                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 17.69                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 33.17                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 44.23                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 53.07                  |                      |
| 06 17 53 00-0021 | EA  |     | 48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 651.06                 | 207.34               |
|                  |     |     | For Up To 15, Add                                     | 17.73                  |                      |
|                  |     |     | For >35, Deduct                                       | -11.82                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 7.09                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 18.91                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 35.46                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 47.28                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 56.73                  |                      |
| 06 17 53 00-0022 | EA  |     | 50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 731.55                 | 214.49               |
|                  |     |     | For Up To 15, Add                                     | 22.69                  |                      |
|                  |     |     | For >35, Deduct                                       | -15.13                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 9.08                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 24.21                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 45.39                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 60.52                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 72.62                  |                      |
| 06 17 53 00-0023 | EA  |     | 52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 699.60                 | 192.89               |
|                  |     |     | For Up To 15, Add                                     | 20.30                  |                      |
|                  |     |     | For >35, Deduct                                       | -13.53                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 8.12                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 21.65                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 40.59                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 54.13                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 64.95                  |                      |
| 06 17 53 00-0024 | EA  |     | 54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 734.13                 | 225.21               |
|                  |     |     | For Up To 15, Add                                     | 21.28                  |                      |
|                  |     |     | For >35, Deduct                                       | -14.19                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 8.51                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 22.70                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 42.56                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 56.74                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 68.09                  |                      |
| 06 17 53 00-0025 | EA  |     | 56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 762.36                 | 208.77               |
|                  |     |     | For Up To 15, Add                                     | 22.32                  |                      |
|                  |     |     | For >35, Deduct                                       | -14.88                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 8.93                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 23.81                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 44.65                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 59.53                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 71.43                  |                      |
| 06 17 53 00-0026 | EA  |     | 58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 786.05                 | 235.94               |
|                  |     |     | For Up To 15, Add                                     | 23.56                  |                      |
|                  |     |     | For >35, Deduct                                       | -15.71                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 9.43                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 25.13                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 47.13                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 62.83                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 75.40                  |                      |
| 06 17 53 00-0027 | EA  |     | 60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope..... | 801.70                 | 239.51               |
|                  |     |     | For Up To 15, Add                                     | 24.20                  |                      |
|                  |     |     | For >35, Deduct                                       | -16.13                 |                      |
|                  |     |     | For 3 In 12 Slope, Add                                | 9.68                   |                      |
|                  |     |     | For 5 In 12 Slope, Add                                | 25.81                  |                      |
|                  |     |     | For 6 In 12 Slope, Add                                | 48.40                  |                      |
|                  |     |     | For 7 In 12 Slope, Add                                | 64.54                  |                      |
|                  |     |     | For 8 In 12 Slope, Add                                | 77.44                  |                      |

06 17 53 00-0028      Pre-Assembled Wood Gable End Roof Trusses (06 17 53)  
Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

| MINOR            | CSI | UOM | DESCRIPTION                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------|---------------------------|-------------------------|
| 06 17 53 00-0029 | EA  |     | 10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 190.37                    | 75.07                   |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 1.21                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 3.22                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 6.03                      |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 8.05                      |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 9.66                      |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 8.05                      |                         |
| 06 17 53 00-0030 | EA  |     | 12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 211.42                    | 82.23                   |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 1.41                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 3.76                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 7.05                      |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 9.40                      |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 11.28                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 9.40                      |                         |
| 06 17 53 00-0031 | EA  |     | 14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 235.28                    | 89.37                   |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 1.70                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 4.52                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 8.48                      |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 11.31                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 13.57                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 11.31                     |                         |
| 06 17 53 00-0032 | EA  |     | 16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 266.51                    | 96.52                   |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 2.20                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 5.88                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 11.02                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 14.69                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 17.63                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 14.69                     |                         |
| 06 17 53 00-0033 | EA  |     | 18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 293.50                    | 103.67                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 2.58                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 6.89                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 12.92                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 17.23                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 20.68                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 17.23                     |                         |
| 06 17 53 00-0034 | EA  |     | 20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 319.45                    | 114.39                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 2.72                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 7.25                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 13.60                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 18.13                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 21.76                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 18.13                     |                         |
| 06 17 53 00-0035 | EA  |     | 22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 336.39                    | 121.55                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 2.80                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 7.46                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 14.00                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 18.66                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 22.39                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 18.66                     |                         |
| 06 17 53 00-0036 | EA  |     | 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 358.59                    | 128.69                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 3.04                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 8.10                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 15.18                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 20.24                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 24.29                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 20.24                     |                         |
| 06 17 53 00-0037 | EA  |     | 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 381.65                    | 135.84                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 3.30                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 8.80                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 16.49                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 21.99                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 26.39                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 21.99                     |                         |
| 06 17 53 00-0038 | EA  |     | 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 405.87                    | 142.99                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 3.60                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 9.59                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 17.98                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 23.98                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 28.77                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 23.98                     |                         |
| 06 17 53 00-0039 | EA  |     | 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 425.02                    | 150.14                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 3.74                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 9.98                      |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 18.71                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 24.95                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 29.94                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 24.95                     |                         |
| 06 17 53 00-0040 | EA  |     | 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 444.65                    | 153.71                  |
|                  |     |     | For 3 In 12 Slope, Add.....                                     | 4.12                      |                         |
|                  |     |     | For 5 In 12 Slope, Add.....                                     | 10.98                     |                         |
|                  |     |     | For 6 In 12 Slope, Add.....                                     | 20.58                     |                         |
|                  |     |     | For 7 In 12 Slope, Add.....                                     | 27.44                     |                         |
|                  |     |     | For 8 In 12 Slope, Add.....                                     | 32.93                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add.....                         | 27.44                     |                         |





|                                 |  |  |       |    |
|---------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites  |  |  | 06    | 06 |
| Rough Carpentry                 |  |  | 06 10 |    |
| Shop-Fabricated Structural Wood |  |  | 06 17 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------|---------------------------|-------------------------|
| 06 17 53 00-0041 | EA  |     | 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 486.25                    | 160.87                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 4.94                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 13.16                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 24.68                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 32.90                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 39.48                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 32.90                     |                         |
| 06 17 53 00-0042 | EA  |     | 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 506.36                    | 164.44                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 5.32                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 14.20                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 26.62                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 35.50                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 42.60                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 35.50                     |                         |
| 06 17 53 00-0043 | EA  |     | 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 532.78                    | 171.59                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 5.69                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 15.17                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 28.44                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 37.92                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 45.50                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 37.92                     |                         |
| 06 17 53 00-0044 | EA  |     | 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 563.34                    | 178.74                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 6.18                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 16.47                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 30.88                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 41.17                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 49.40                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 41.17                     |                         |
| 06 17 53 00-0045 | EA  |     | 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 621.16                    | 185.89                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 7.48                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 19.95                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 37.41                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 49.88                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 59.85                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 49.88                     |                         |
| 06 17 53 00-0046 | EA  |     | 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 677.80                    | 193.04                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 8.75                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 23.34                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 43.76                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 58.34                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 70.01                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 58.34                     |                         |
| 06 17 53 00-0047 | EA  |     | 46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 701.50                    | 200.19                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 9.03                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 24.09                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 45.17                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 60.22                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 72.27                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 60.22                     |                         |
| 06 17 53 00-0048 | EA  |     | 48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 736.56                    | 207.34                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 9.66                      |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 25.75                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 48.28                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 64.38                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 77.25                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 64.38                     |                         |
| 06 17 53 00-0049 | EA  |     | 50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 798.32                    | 214.49                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 11.08                     |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 29.55                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 55.40                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 73.87                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 88.64                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 73.87                     |                         |
| 06 17 53 00-0050 | EA  |     | 52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 817.55                    | 221.64                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 11.23                     |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 29.94                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 56.14                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 74.85                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 89.82                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 74.85                     |                         |
| 06 17 53 00-0051 | EA  |     | 54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 842.79                    | 225.21                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 11.77                     |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 31.39                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 58.85                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 78.47                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 94.17                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 78.47                     |                         |
| 06 17 53 00-0052 | EA  |     | 56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope..... | 876.35                    | 232.37                  |
|                  |     |     | For 3 In 12 Slope, Add                                          | 12.35                     |                         |
|                  |     |     | For 5 In 12 Slope, Add                                          | 32.93                     |                         |
|                  |     |     | For 6 In 12 Slope, Add                                          | 61.74                     |                         |
|                  |     |     | For 7 In 12 Slope, Add                                          | 82.33                     |                         |
|                  |     |     | For 8 In 12 Slope, Add                                          | 98.79                     |                         |
|                  |     |     | For 16" On Center Gable Studs, Add                              | 82.33                     |                         |

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                            |        |        |
|------------------|----|------------------------------------------------------------|--------|--------|
| 06 17 53 00-0053 | EA | 58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 906.36 | 235.94 |
|                  |    | For 3 In 12 Slope, Add                                     | 13.03  |        |
|                  |    | For 5 In 12 Slope, Add                                     | 34.76  |        |
|                  |    | For 6 In 12 Slope, Add                                     | 65.17  |        |
|                  |    | For 7 In 12 Slope, Add                                     | 86.90  |        |
|                  |    | For 8 In 12 Slope, Add                                     | 104.28 |        |
|                  |    | For 16" On Center Gable Studs, Add                         | 86.90  |        |
| 06 17 53 00-0054 | EA | 60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope | 925.28 | 239.51 |
|                  |    | For 3 In 12 Slope, Add                                     | 13.39  |        |
|                  |    | For 5 In 12 Slope, Add                                     | 35.70  |        |
|                  |    | For 6 In 12 Slope, Add                                     | 66.94  |        |
|                  |    | For 7 In 12 Slope, Add                                     | 89.25  |        |
|                  |    | For 8 In 12 Slope, Add                                     | 107.10 |        |
|                  |    | For 16" On Center Gable Studs, Add                         | 89.25  |        |

**06 18 Glued-Laminated Construction** (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

|                  |    |                                               |       |       |
|------------------|----|-----------------------------------------------|-------|-------|
| 06 18 13 00-0002 | LF | 3-1/2" x 6" Glue Laminated Straight Beam      | 9.13  | 3.04  |
| 06 18 13 00-0003 | LF | 3-1/2" x 7-1/2" Glue Laminated Straight Beam  | 11.41 | 3.78  |
| 06 18 13 00-0004 | LF | 3-1/2" x 9" Glue Laminated Straight Beam      | 13.69 | 4.54  |
| 06 18 13 00-0005 | LF | 3-1/2" x 9-1/2" Glue Laminated Straight Beam  | 14.45 | 4.81  |
| 06 18 13 00-0006 | LF | 3-1/2" x 10-1/2" Glue Laminated Straight Beam | 15.96 | 5.30  |
| 06 18 13 00-0007 | LF | 3-1/2" x 12" Glue Laminated Straight Beam     | 18.25 | 6.06  |
| 06 18 13 00-0008 | LF | 3-1/2" x 13-1/2" Glue Laminated Straight Beam | 20.54 | 6.82  |
| 06 18 13 00-0009 | LF | 3-1/2" x 14" Glue Laminated Straight Beam     | 21.30 | 7.07  |
| 06 18 13 00-0010 | LF | 3-1/2" x 15" Glue Laminated Straight Beam     | 22.82 | 7.58  |
| 06 18 13 00-0011 | LF | 3-1/2" x 16" Glue Laminated Straight Beam     | 24.33 | 8.09  |
| 06 18 13 00-0012 | LF | 3-1/2" x 16-1/2" Glue Laminated Straight Beam | 25.09 | 8.35  |
| 06 18 13 00-0013 | LF | 3-1/2" x 18" Glue Laminated Straight Beam     | 27.37 | 9.11  |
| 06 18 13 00-0014 | LF | 3-1/2" x 19-1/2" Glue Laminated Straight Beam | 29.66 | 9.87  |
| 06 18 13 00-0015 | LF | 3-1/2" x 21" Glue Laminated Straight Beam     | 31.93 | 10.62 |
| 06 18 13 00-0016 | LF | 3-1/2" x 22.5" Glue Laminated Straight Beam   | 34.23 | 11.37 |
| 06 18 13 00-0017 | LF | 5-1/2" x 6" Glue Laminated Straight Beam      | 14.35 | 4.76  |
| 06 18 13 00-0018 | LF | 5-1/2" x 7-1/2" Glue Laminated Straight Beam  | 17.92 | 5.97  |
| 06 18 13 00-0019 | LF | 5-1/2" x 9" Glue Laminated Straight Beam      | 21.50 | 7.15  |
| 06 18 13 00-0020 | LF | 5-1/2" x 9-1/2" Glue Laminated Straight Beam  | 22.70 | 7.55  |
| 06 18 13 00-0021 | LF | 5-1/2" x 10-1/2" Glue Laminated Straight Beam | 25.09 | 8.35  |
| 06 18 13 00-0022 | LF | 5-1/2" x 12" Glue Laminated Straight Beam     | 28.68 | 9.53  |
| 06 18 13 00-0023 | LF | 5-1/2" x 13-1/2" Glue Laminated Straight Beam | 32.27 | 10.73 |
| 06 18 13 00-0024 | LF | 5-1/2" x 14" Glue Laminated Straight Beam     | 33.46 | 11.12 |
| 06 18 13 00-0025 | LF | 5-1/2" x 15" Glue Laminated Straight Beam     | 35.85 | 11.91 |
| 06 18 13 00-0026 | LF | 5-1/2" x 16" Glue Laminated Straight Beam     | 38.23 | 12.71 |
| 06 18 13 00-0027 | LF | 5-1/2" x 16-1/2" Glue Laminated Straight Beam | 39.44 | 13.11 |
| 06 18 13 00-0028 | LF | 5-1/2" x 18" Glue Laminated Straight Beam     | 43.02 | 14.29 |
| 06 18 13 00-0029 | LF | 5-1/2" x 19-1/2" Glue Laminated Straight Beam | 46.61 | 15.50 |
| 06 18 13 00-0030 | LF | 5-1/2" x 21" Glue Laminated Straight Beam     | 50.20 | 16.68 |
| 06 18 13 00-0031 | LF | 5-1/2" x 22.5" Glue Laminated Straight Beam   | 53.77 | 17.88 |
| 06 18 13 00-0032 | LF | 5-1/2" x 24" Glue Laminated Straight Beam     | 57.36 | 19.07 |
| 06 18 13 00-0033 | LF | 6-3/4" x 9" Glue Laminated Straight Beam      | 26.40 | 8.77  |
| 06 18 13 00-0034 | LF | 6-3/4" x 9-1/2" Glue Laminated Straight Beam  | 27.86 | 9.27  |
| 06 18 13 00-0035 | LF | 6-3/4" x 10-1/2" Glue Laminated Straight Beam | 30.80 | 10.25 |
| 06 18 13 00-0036 | LF | 6-3/4" x 12" Glue Laminated Straight Beam     | 35.20 | 11.69 |
| 06 18 13 00-0037 | LF | 6-3/4" x 13-1/2" Glue Laminated Straight Beam | 39.61 | 13.17 |
| 06 18 13 00-0038 | LF | 6-3/4" x 14" Glue Laminated Straight Beam     | 41.07 | 13.65 |
| 06 18 13 00-0039 | LF | 6-3/4" x 15" Glue Laminated Straight Beam     | 43.99 | 14.63 |
| 06 18 13 00-0040 | LF | 6-3/4" x 16" Glue Laminated Straight Beam     | 46.93 | 15.59 |
| 06 18 13 00-0041 | LF | 6-3/4" x 16-1/2" Glue Laminated Straight Beam | 48.40 | 16.09 |
| 06 18 13 00-0042 | LF | 6-3/4" x 18" Glue Laminated Straight Beam     | 52.80 | 17.55 |
| 06 18 13 00-0043 | LF | 6-3/4" x 19-1/2" Glue Laminated Straight Beam | 57.19 | 19.02 |
| 06 18 13 00-0044 | LF | 6-3/4" x 21" Glue Laminated Straight Beam     | 61.60 | 20.47 |
| 06 18 13 00-0045 | LF | 6-3/4" x 22.5" Glue Laminated Straight Beam   | 65.99 | 21.94 |
| 06 18 13 00-0046 | LF | 6-3/4" x 24" Glue Laminated Straight Beam     | 70.39 | 23.40 |
| 06 18 13 00-0047 | LF | 8-3/4" x 9" Glue Laminated Straight Beam      | 34.23 | 11.37 |
| 06 18 13 00-0048 | LF | 8-3/4" x 9-1/2" Glue Laminated Straight Beam  | 36.12 | 12.00 |
| 06 18 13 00-0049 | LF | 8-3/4" x 10-1/2" Glue Laminated Straight Beam | 39.92 | 13.27 |
| 06 18 13 00-0050 | LF | 8-3/4" x 12" Glue Laminated Straight Beam     | 45.62 | 15.17 |
| 06 18 13 00-0051 | LF | 8-3/4" x 13-1/2" Glue Laminated Straight Beam | 51.33 | 17.06 |
| 06 18 13 00-0052 | LF | 8-3/4" x 14" Glue Laminated Straight Beam     | 53.23 | 17.70 |
| 06 18 13 00-0053 | LF | 8-3/4" x 15" Glue Laminated Straight Beam     | 57.03 | 18.95 |
| 06 18 13 00-0054 | LF | 8-3/4" x 16" Glue Laminated Straight Beam     | 60.83 | 20.23 |
| 06 18 13 00-0055 | LF | 8-3/4" x 16-1/2" Glue Laminated Straight Beam | 62.74 | 20.85 |
| 06 18 13 00-0056 | LF | 8-3/4" x 18" Glue Laminated Straight Beam     | 68.44 | 22.74 |
| 06 18 13 00-0057 | LF | 8-3/4" x 19-1/2" Glue Laminated Straight Beam | 74.15 | 24.63 |
| 06 18 13 00-0058 | LF | 8-3/4" x 21" Glue Laminated Straight Beam     | 79.85 | 26.54 |
| 06 18 13 00-0059 | LF | 8-3/4" x 22.5" Glue Laminated Straight Beam   | 85.55 | 28.44 |
| 06 18 13 00-0060 | LF | 8-3/4" x 24" Glue Laminated Straight Beam     | 91.25 | 30.33 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 18 13 00-0061 |     |     | Glue Laminated Decking (06 18 13)                                                                                       |                           |                         |
| 06 18 13 00-0062 | LF  |     | 2" - 4" Thick x 4" Wide Glue Laminated Decking .....                                                                    | 4.62                      | 1.87                    |
| 06 18 13 00-0063 | LF  |     | 2" - 4" Thick x 6" Wide Glue Laminated Decking .....                                                                    | 4.77                      | 1.87                    |
| 06 18 13 00-0064 | LF  |     | 2" - 4" Thick x 8" Wide Glue Laminated Decking .....                                                                    | 4.90                      | 1.76                    |
| 06 18 16         |     |     | Glued-Laminated Columns (06 18)                                                                                         |                           |                         |
| 06 18 16 00-0001 |     |     | Glue Laminated Structural Units (06 18 16)                                                                              |                           |                         |
|                  |     |     | Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer. |                           |                         |
| 06 18 16 00-0002 | LF  |     | 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column .....                                                                   | 13.41                     | 3.82                    |
| 06 18 16 00-0003 | LF  |     | 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....                                                                   | 15.11                     | 4.25                    |
| 06 18 16 00-0004 | LF  |     | 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....                                                                   | 28.54                     | 9.07                    |
| 06 18 16 00-0005 | LF  |     | 5-1/4" x 13" Glue Laminated Purlin Or Column.....                                                                       | 31.30                     | 9.51                    |
| 06 20            |     |     | Finish Carpentry (06)                                                                                                   |                           |                         |
| 06 22            |     |     | Millwork (06 20)                                                                                                        |                           |                         |
| 06 22 13         |     |     | Standard Pattern Wood Trim (06 22)                                                                                      |                           |                         |
| 06 22 13 00-0001 |     |     | Pine Moldings (All Dimensions Are Nominal) (06 22 13)                                                                   |                           |                         |
| 06 22 13 00-0002 | LF  |     | 1/4" x 1-1/4" Wood Lattice Strip.....                                                                                   | 3.25                      | 1.09                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 0.40                      |                         |
| 06 22 13 00-0003 | LF  |     | 1/4" x 1-5/8" Wood Lattice Strip.....                                                                                   | 3.42                      | 0.87                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 0.40                      |                         |
| 06 22 13 00-0004 | LF  |     | 1/4" x 2-1/2" Wood Lattice Strip.....                                                                                   | 4.40                      | 0.87                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 0.40                      |                         |
| 06 22 13 00-0005 | LF  |     | 1/4" x 3-1/2" Wood Lattice Strip.....                                                                                   | 4.97                      | 0.87                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 0.40                      |                         |
| 06 22 13 00-0006 |     |     | Ceilings (All Dimensions Are Nominal) (06 22 13)                                                                        |                           |                         |
| 06 22 13 00-0007 |     |     | White Pine (06 22 13 00-0006)                                                                                           |                           |                         |
| 06 22 13 00-0008 | LF  |     | 9/16" x 3-5/8" White Pine Crown Or Bed Molding.....                                                                     | 15.64                     | 3.80                    |
|                  |     |     | For Birch, Add                                                                                                          | 3.68                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 5.14                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 2.04                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.25                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 1.33                      |                         |
| 06 22 13 00-0009 | LF  |     | 11/16" x 4-5/8" White Pine Crown Or Bed Molding.....                                                                    | 21.07                     | 4.55                    |
|                  |     |     | For Birch, Add                                                                                                          | 5.25                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 7.21                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 2.91                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.50                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 1.89                      |                         |
| 06 22 13 00-0010 | LF  |     | 3/4" x 3/4" White Pine Crown Or Bed Molding.....                                                                        | 7.38                      | 2.61                    |
|                  |     |     | For Birch, Add                                                                                                          | 1.09                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 1.80                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 0.61                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.00                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 0.40                      |                         |
| 06 22 13 00-0011 | LF  |     | 9/16" x 1-5/8" White Pine Crown Or Bed Molding.....                                                                     | 8.48                      | 2.61                    |
|                  |     |     | For Birch, Add                                                                                                          | 1.49                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 2.30                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 0.83                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.00                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 0.54                      |                         |
| 06 22 13 00-0012 | LF  |     | 9/16" x 2-1/4" White Pine Crown Or Bed Molding.....                                                                     | 11.17                     | 3.25                    |
|                  |     |     | For Birch, Add                                                                                                          | 2.07                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 3.13                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 1.15                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.25                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 0.75                      |                         |
| 06 22 13 00-0013 | LF  |     | 3/4" x 3-1/2" White Pine Crown Or Bed Molding.....                                                                      | 13.00                     | 3.25                    |
|                  |     |     | For Birch, Add                                                                                                          | 2.73                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 3.95                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 1.51                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.25                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 0.98                      |                         |
| 06 22 13 00-0014 | LF  |     | 5/8" x 4-1/4" White Pine Crown Or Bed Molding.....                                                                      | 16.17                     | 3.91                    |
|                  |     |     | For Birch, Add                                                                                                          | 3.48                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                                                                                 | 5.00                      |                         |
|                  |     |     | For Poplar, Add                                                                                                         | 1.93                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                    | 1.50                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add                                                                        | 1.26                      |                         |

**06 Wood, Plastics, and Composites****06 20 Finish Carpentry****06 22 Millwork**

| MINOR            | CSI | UOM | DESCRIPTION                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------|---------------------------|-------------------------|
| 06 22 13 00-0015 | LF  |     | 1" x 2" White Pine Dentil Molding.....                     | 7.67                      | 3.04                    |
|                  |     |     | For Birch, Add                                             | 1.20                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 1.93                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.67                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 1.00                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.43                      |                         |
| 06 22 13 00-0016 | LF  |     | 9/16" x 1-3/4" White Pine Cove Molding .....               | 6.52                      | 2.28                    |
|                  |     |     | For Birch, Add                                             | 1.18                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 1.80                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.65                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.75                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.43                      |                         |
| 06 22 13 00-0017 | LF  |     | 11/16" x 2-3/4" White Pine Cove Molding .....              | 10.02                     | 2.28                    |
|                  |     |     | For Birch, Add                                             | 2.44                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 3.37                      |                         |
|                  |     |     | For Poplar, Add                                            | 1.35                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.75                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.88                      |                         |
| 06 22 13 00-0018 | LF  |     | 3/8" x 3/8" White Pine Cove Molding .....                  | 3.81                      | 1.30                    |
|                  |     |     | For Birch, Add                                             | 0.56                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 0.92                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.31                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.52                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.20                      |                         |
| 06 22 13 00-0019 | LF  |     | 1/2" x 1/2" White Pine Cove Molding .....                  | 4.19                      | 1.30                    |
|                  |     |     | For Birch, Add                                             | 0.69                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 1.09                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.39                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.52                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.25                      |                         |
| 06 22 13 00-0020 | LF  |     | 5/8" x 5/8" White Pine Cove Molding .....                  | 5.64                      | 1.63                    |
|                  |     |     | For Birch, Add                                             | 1.05                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 1.59                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.59                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.62                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.38                      |                         |
| 06 22 13 00-0021 | LF  |     | 3/4" x 3/4" White Pine Cove Molding .....                  | 5.64                      | 1.63                    |
|                  |     |     | For Birch, Add                                             | 1.05                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 1.59                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.59                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.62                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.38                      |                         |
| 06 22 13 00-0022 | LF  |     | 15/16" x 15/16" White Pine Cove Molding .....              | 7.40                      | 1.63                    |
|                  |     |     | For Birch, Add                                             | 1.69                      |                         |
|                  |     |     | For Mahogany, Oak, Maple Or Walnut, Add                    | 2.38                      |                         |
|                  |     |     | For Poplar, Add                                            | 0.94                      |                         |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.62                      |                         |
|                  |     |     | For Stain Grade Material (No Finger Joints), Add           | 0.61                      |                         |
| 06 22 13 00-0023 | LF  |     | 7-1/2" Wide White Pine Mullion Covers .....                | 49.97                     | 1.95                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.89                      |                         |
| 06 22 13 00-0024 | LF  |     | Three Piece White Pine Mullion Trim, 2 Cove Moldings ..... | 63.39                     | 1.95                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 0.89                      |                         |
| 06 22 13 00-0025 |     |     | Cedar Trim (06 22 13 00-0006)                              |                           |                         |
| 06 22 13 00-0026 | LF  |     | 2" x 4" Cedar Ceiling Trim.....                            | 12.86                     | 5.47                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 1.81                      |                         |
| 06 22 13 00-0027 |     |     | Oak Trim (06 22 13 00-0006)                                |                           |                         |
| 06 22 13 00-0028 | LF  |     | 1" x 8" Clear Oak Ceiling Trim .....                       | 13.48                     | 5.04                    |
|                  |     |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add       | 1.68                      |                         |
| 06 22 13 00-0029 |     |     | Closet Poles (06 22 13)                                    |                           |                         |
| 06 22 13 00-0030 | LF  |     | 1-1/8" Diameter Pine Closet Poles.....                     | 11.32                     | 2.82                    |
| 06 22 13 00-0031 | LF  |     | 1-5/8" Diameter Pine Closet Poles.....                     | 13.94                     | 2.82                    |
| 06 22 13 00-0032 | LF  |     | 2" Diameter Pine Closet Poles.....                         | 19.33                     | 3.14                    |
| <b>06 25</b>     |     |     | <b>Prefinished Paneling</b> (06 20)                        |                           |                         |
| <b>06 25 16</b>  |     |     | <b>Prefinished Plywood Paneling</b> (06 25)                |                           |                         |
| 06 25 16 00-0001 |     |     | Hardboard Panels (06 25 16)                                |                           |                         |
|                  |     |     | Note: Excludes furring and trim.                           |                           |                         |
| 06 25 16 00-0002 |     |     | Tempered Hardboard Panels (06 25 16 00-0001)               |                           |                         |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Finish Carpentry               |  |  | 06 20 |    |
| Prefinished Paneling           |  |  | 06 25 |    |

| MINOR            | CSI | UOM  | DESCRIPTION                                     | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------|-------------------------------------------------|------------------------|----------------------|
| 06 25 16 00-0003 | SF  | 1/4" | Tempered Hardboard Panels .....                 | 5.58                   | 1.97                 |
|                  |     |      | For Waterproof Glue, Add                        | 0.08                   |                      |
|                  |     |      | For Ceiling Installation, Add                   | 1.34                   |                      |
|                  |     |      | For Glue Laminated Installation, Add            | 0.28                   |                      |
|                  |     |      | For 1/8" Thick Paneling, Deduct                 | -0.50                  |                      |
|                  |     |      | For 1/2" Thick Paneling, Add                    | 1.14                   |                      |
|                  |     |      | For 5/8" Thick Paneling, Add                    | 1.37                   |                      |
|                  |     |      | For 3/4" Thick Paneling, Add                    | 1.67                   |                      |
|                  |     |      | For Fire Retardant Treatment (Class I), Add     | 0.88                   |                      |
| 06 25 16 00-0004 | SF  | 1/4" | Plastic Faced Tempered Hardboard Panels .....   | 6.26                   | 2.41                 |
|                  |     |      | For Waterproof Glue, Add                        | 0.07                   |                      |
|                  |     |      | For Ceiling Installation, Add                   | 1.58                   |                      |
|                  |     |      | For Glue Laminated Installation, Add            | 0.31                   |                      |
|                  |     |      | For 1/8" Thick Paneling, Deduct                 | -0.54                  |                      |
|                  |     |      | For 1/2" Thick Paneling, Add                    | 1.18                   |                      |
|                  |     |      | For 5/8" Thick Paneling, Add                    | 1.39                   |                      |
|                  |     |      | For 3/4" Thick Paneling, Add                    | 1.66                   |                      |
|                  |     |      | For Fire Retardant Treatment (Class I), Add     | 0.80                   |                      |
| 06 25 16 00-0005 | SF  | 1/4" | Pegboard Tempered Hardboard Panels .....        | 6.33                   | 1.97                 |
|                  |     |      | For Waterproof Glue, Add                        | 0.13                   |                      |
|                  |     |      | For Ceiling Installation, Add                   | 1.34                   |                      |
|                  |     |      | For Glue Laminated Installation, Add            | 0.32                   |                      |
|                  |     |      | For 1/8" Thick Paneling, Deduct                 | -0.62                  |                      |
|                  |     |      | For 1/2" Thick Paneling, Add                    | 1.54                   |                      |
|                  |     |      | For 5/8" Thick Paneling, Add                    | 1.93                   |                      |
|                  |     |      | For 3/4" Thick Paneling, Add                    | 2.43                   |                      |
|                  |     |      | For Fire Retardant Treatment (Class I), Add     | 1.47                   |                      |
| 06 25 16 00-0006 | SF  | 1/4" | Plastic Faced Pegboard Tempered Hardboard ..... | 6.49                   | 2.41                 |
|                  |     |      | For Waterproof Glue, Add                        | 0.09                   |                      |
|                  |     |      | For Ceiling Installation, Add                   | 1.58                   |                      |
|                  |     |      | For Glue Laminated Installation, Add            | 0.32                   |                      |
|                  |     |      | For 1/8" Thick Paneling, Deduct                 | -0.57                  |                      |
|                  |     |      | For 1/2" Thick Paneling, Add                    | 1.30                   |                      |
|                  |     |      | For 5/8" Thick Paneling, Add                    | 1.56                   |                      |
|                  |     |      | For 3/4" Thick Paneling, Add                    | 1.89                   |                      |
|                  |     |      | For Fire Retardant Treatment (Class I), Add     | 0.98                   |                      |
| 06 25 16 00-0007 |     |      | Untempered Hardboard Panels (06 25 16 00-0001)  |                        |                      |
| 06 25 16 00-0008 | SF  | 1/4" | Untempered Hardboard Panels .....               | 5.34                   | 1.97                 |
|                  |     |      | For Waterproof Glue, Add                        | 0.06                   |                      |
|                  |     |      | For Glue Laminated Installation, Add            | 0.27                   |                      |
|                  |     |      | For Lumber Core, Add                            | 0.10                   |                      |
|                  |     |      | For Fire Retardant Treatment (Class I), Add     | 0.69                   |                      |

## 06 40 Architectural Woodwork (06)

### 06 41 Architectural Wood Casework (06 40)

#### 06 41 13 Wood-Veneer-Faced Architectural Cabinets (06 41)

##### 06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)

Note: Includes storage, cleaning and supply materials. Any height or width.

|                  |    |                                                                   |       |  |
|------------------|----|-------------------------------------------------------------------|-------|--|
| 06 41 13 00-0002 | LF | Removal And Reinstallation Of Wood Base Cabinets .....            | 83.01 |  |
| 06 41 13 00-0003 | LF | Removal And Reinstallation Of Wall Cabinets .....                 | 72.18 |  |
| 06 41 13 00-0004 | LF | Removal And Reinstallation Of Plastic Laminated Countertops ..... | 17.21 |  |

##### 06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets (06 41 13)

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

##### 06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)

##### 06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0006)

|                  |    |                                                                                                                                     |        |       |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 06 41 13 00-0008 | EA | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet ..... | 389.64 | 21.70 |
|                  |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                       | 116.77 |       |
|                  |    | For All Plywood Box Construction, Add                                                                                               | 121.72 |       |
| 06 41 13 00-0009 | EA | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet ..... | 414.73 | 27.12 |
|                  |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                       | 116.77 |       |
|                  |    | For All Plywood Box Construction, Add                                                                                               | 121.72 |       |
| 06 41 13 00-0010 | EA | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet ..... | 433.73 | 32.55 |
|                  |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                       | 116.77 |       |
|                  |    | For All Plywood Box Construction, Add                                                                                               | 121.72 |       |
| 06 41 13 00-0011 | EA | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet ..... | 456.48 | 37.98 |
|                  |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                       | 116.77 |       |
|                  |    | For All Plywood Box Construction, Add                                                                                               | 121.72 |       |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 41 13 00-0012 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 520.19                    | 43.40                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 116.77                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0013 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 544.01                    | 48.83                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 116.77                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0014 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 588.77                    | 54.25                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 116.77                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0015 | EA  |     | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 620.41                    | 59.67                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 116.77                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0016 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 639.69                    | 65.10                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 116.77                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0017 | EA  |     | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer<br>Front, Base Cabinet.....           | 730.14                    | 86.81                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 233.54                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0018 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and<br>Drawer Fronts, Base Cabinet ..... | 810.44                    | 54.25                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 233.54                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0019 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and<br>Drawer Fronts, Base Cabinet ..... | 899.95                    | 65.10                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 233.54                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0020 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and<br>Drawer Fronts, Base Cabinet ..... | 851.01                    | 54.25                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0021 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and<br>Drawer Fronts, Base Cabinet ..... | 950.42                    | 65.10                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0022 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 395.58                    | 21.70                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0023 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 404.84                    | 27.12                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0024 | EA  |     | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 442.63                    | 32.55                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0025 | EA  |     | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 471.32                    | 37.98                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0026 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 491.49                    | 43.40                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0027 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 516.30                    | 48.83                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0028 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 849.03                    | 54.25                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0029 | EA  |     | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 895.52                    | 59.67                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0030 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                           | 941.52                    | 65.10                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 350.31                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0031 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                            | 486.62                    | 21.70                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 467.08                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |
| 06 41 13 00-0032 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base<br>Cabinet .....                            | 496.87                    | 27.12                   |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                   | 467.08                    |                         |
|                  |     |     | For All Plywood Box Construction, Add                                                                                                           | 121.72                    |                         |



| Wood, Plastics, and Composites |  |  | 06    |
|--------------------------------|--|--|-------|
| Architectural Woodwork         |  |  | 06 40 |
| Architectural Wood Casework    |  |  | 06 41 |

06

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 41 13 00-0033 | EA  |     | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 539.61                 | 32.55                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0034 | EA  |     | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 574.24                 | 37.98                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0035 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 604.31                 | 43.40                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0036 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 635.05                 | 48.83                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0037 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 690.60                 | 54.25                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0038 | EA  |     | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 942.03                 | 59.67                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0039 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet..... | 994.95                 | 65.10                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                    | 467.08                 |                      |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 121.72                 |                      |
| 06 41 13 00-0040 |     |     | Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0006)                                                              |                        |                      |
| 06 41 13 00-0041 | EA  |     | 30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet .....                 | 349.07                 | 54.25                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0042 | EA  |     | 33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet .....                 | 372.68                 | 59.67                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0043 | EA  |     | 36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet .....                 | 410.96                 | 65.10                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0044 | EA  |     | 39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet .....                 | 438.67                 | 70.53                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0045 |     |     | Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0006)                                                             |                        |                      |
| 06 41 13 00-0046 | EA  |     | 12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 296.02                 | 21.70                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0047 | EA  |     | 15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 303.14                 | 27.12                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0048 | EA  |     | 18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 318.17                 | 32.55                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0049 | EA  |     | 21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 326.28                 | 37.98                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0050 | EA  |     | 24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 335.38                 | 43.40                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0051 | EA  |     | 30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 351.40                 | 54.25                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0052 | EA  |     | 33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 376.33                 | 59.67                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0053 | EA  |     | 36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 410.96                 | 65.10                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0054 | EA  |     | 39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 438.67                 | 70.53                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0055 |     |     | Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0006)                                                             |                        |                      |
| 06 41 13 00-0056 | EA  |     | 12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 307.90                 | 21.70                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0057 | EA  |     | 15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 323.92                 | 27.12                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0058 | EA  |     | 18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 335.99                 | 32.55                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0059 | EA  |     | 21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 349.04                 | 37.98                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0060 | EA  |     | 24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....                   | 367.04                 | 43.40                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0061 | EA  |     | 27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 387.92                 | 48.85                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0062 | EA  |     | 30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 406.82                 | 54.25                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0063 | EA  |     | 33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 421.85                 | 59.67                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0064 | EA  |     | 36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....                  | 430.75                 | 65.10                |
|                  |     |     | For All Plywood Box Construction, Add                                                                            | 65.31                  |                      |
| 06 41 13 00-0065 |     |     | Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0006)                                                             |                        |                      |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR<br>CSI                                                                     | UOM | DESCRIPTION                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 41 13 00-0066                                                                 | EA  | 12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 334.22                    | 21.70                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0067                                                                 | EA  | 15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 364.14                    | 27.12                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0068                                                                 | EA  | 18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 388.85                    | 32.55                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0069                                                                 | EA  | 21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 418.76                    | 37.98                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0070                                                                 | EA  | 24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 447.72                    | 43.40                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0071                                                                 | EA  | 27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 491.33                    | 48.85                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0072                                                                 | EA  | 30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 503.30                    | 54.25                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0073                                                                 | EA  | 33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 549.19                    | 59.67                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0074                                                                 | EA  | 36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 565.36                    | 65.10                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| <b>06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0006)</b>     |     |                                                                                                     |                           |                         |
| 06 41 13 00-0076                                                                 | EA  | 12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 376.77                    | 21.70                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0077                                                                 | EA  | 15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 408.67                    | 27.12                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0078                                                                 | EA  | 18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 436.35                    | 32.55                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0079                                                                 | EA  | 21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 468.24                    | 37.98                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0080                                                                 | EA  | 24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 549.64                    | 43.40                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0081                                                                 | EA  | 27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 552.68                    | 48.85                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0082                                                                 | EA  | 30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 572.57                    | 54.25                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0083                                                                 | EA  | 33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 626.37                    | 59.67                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0084                                                                 | EA  | 36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 642.55                    | 65.10                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| <b>06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0006)</b>     |     |                                                                                                     |                           |                         |
| 06 41 13 00-0086                                                                 | EA  | 12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 421.30                    | 21.70                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0087                                                                 | EA  | 15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 460.13                    | 27.12                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0088                                                                 | EA  | 18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 489.79                    | 32.55                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0089                                                                 | EA  | 21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 520.68                    | 37.98                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0090                                                                 | EA  | 24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....      | 567.46                    | 43.40                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0091                                                                 | EA  | 27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 606.12                    | 48.85                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0092                                                                 | EA  | 30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 637.89                    | 54.25                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0093                                                                 | EA  | 33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 698.61                    | 59.67                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0094                                                                 | EA  | 36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....     | 719.73                    | 65.10                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| <b>06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0006)</b> |     |                                                                                                     |                           |                         |
| 06 41 13 00-0096                                                                 | EA  | 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....  | 399.76                    | 54.25                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0097                                                                 | EA  | 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... | 429.42                    | 59.67                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0098                                                                 | EA  | 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... | 461.57                    | 65.10                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0099                                                                 | EA  | 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... | 499.31                    | 70.53                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| 06 41 13 00-0100                                                                 | EA  | 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet.....  | 590.56                    | 86.81                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 65.31                     |                         |
| <b>06 41 13 00-0101 Utility Cabinets, 84" High (06 41 13 00-0006)</b>            |     |                                                                                                     |                           |                         |
| 06 41 13 00-0102                                                                 | EA  | 15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....       | 763.39                    | 48.22                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 241.46                    |                         |
| 06 41 13 00-0103                                                                 | EA  | 18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....       | 863.94                    | 57.87                   |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 241.46                    |                         |
| 06 41 13 00-0104                                                                 | EA  | 21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....       | 971.44                    | 453.30                  |
|                                                                                  |     | <i>For All Plywood Box Construction, Add</i>                                                        | 241.46                    |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 41 13 00-0105 | EA  |     | 24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                   | 1,020.55               | 77.16                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0106 | EA  |     | 30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                  | 1,236.88               | 96.44                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0107 | EA  |     | 36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                  | 1,427.49               | 115.74               |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0108 | EA  |     | 15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                   | 864.33                 | 48.22                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0109 | EA  |     | 18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                   | 955.97                 | 57.87                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0110 | EA  |     | 21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                   | 1,092.17               | 67.52                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0111 | EA  |     | 24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                   | 1,160.08               | 77.16                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0112 | EA  |     | 30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                  | 1,441.73               | 96.44                |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0113 | EA  |     | 36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet .....                  | 1,649.15               | 115.74               |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 241.46                 |                      |
| 06 41 13 00-0114 |     |     | Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)                                         |                        |                      |
| 06 41 13 00-0115 |     |     | Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0114)                                                         |                        |                      |
| 06 41 13 00-0116 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer .....    | 351.05                 | 21.70                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0117 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer .....    | 373.17                 | 27.12                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0118 | EA  |     | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer .....    | 390.19                 | 32.55                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0119 | EA  |     | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer .....    | 410.96                 | 37.98                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0120 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer .....    | 466.75                 | 43.40                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0121 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer .....    | 488.60                 | 48.83                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0122 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer .....    | 527.42                 | 54.25                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0123 | EA  |     | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer .....    | 556.09                 | 59.67                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0124 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer .....    | 573.39                 | 65.10                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 116.77                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0125 | EA  |     | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer .....    | 653.94                 | 86.81                |
|                  |     |     | Front, Base Cabinet .....                                                                                        | 233.54                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0126 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and .....   | 723.36                 | 54.25                |
|                  |     |     | Drawer Fronts, Base Cabinet .....                                                                                | 233.54                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0127 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and .....   | 801.99                 | 65.10                |
|                  |     |     | Drawer Fronts, Base Cabinet .....                                                                                | 233.54                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0128 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and .....   | 758.98                 | 54.25                |
|                  |     |     | Drawer Fronts, Base Cabinet .....                                                                                | 350.31                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0129 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and .....   | 846.52                 | 65.10                |
|                  |     |     | Drawer Fronts, Base Cabinet .....                                                                                | 350.31                 |                      |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 121.72                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      |                        |                      |
| 06 41 13 00-0130 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet ..... | 356.99                 | 21.70                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 350.31                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 121.72                 |                      |
| 06 41 13 00-0131 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet ..... | 365.26                 | 27.12                |
|                  |     |     | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add .....                              | 350.31                 |                      |
|                  |     |     | For All Plywood Box Construction, Add .....                                                                      | 121.72                 |                      |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST  | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|
| 06 41 13 00-0132 EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 398.10<br>350.31<br>121.72 | 32.55                   |
| 06 41 13 00-0133 EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 423.82<br>350.31<br>121.72 | 37.98                   |
| 06 41 13 00-0134 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 442.02<br>350.31<br>121.72 | 43.40                   |
| 06 41 13 00-0135 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 463.86<br>350.31<br>121.72 | 48.83                   |
| 06 41 13 00-0136 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 757.00<br>350.31<br>121.72 | 54.25                   |
| 06 41 13 00-0137 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 797.55<br>350.31<br>121.72 | 59.67                   |
| 06 41 13 00-0138 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add | 838.60<br>350.31<br>121.72 | 65.10                   |
| 06 41 13 00-0139 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 436.15<br>467.08<br>121.72 | 21.70                   |
| 06 41 13 00-0140 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 446.40<br>467.08<br>121.72 | 27.12                   |
| 06 41 13 00-0141 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 484.20<br>467.08<br>121.72 | 32.55                   |
| 06 41 13 00-0142 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 514.86<br>467.08<br>121.72 | 37.98                   |
| 06 41 13 00-0143 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 540.97<br>467.08<br>121.72 | 43.40                   |
| 06 41 13 00-0144 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 568.75<br>467.08<br>121.72 | 48.83                   |
| 06 41 13 00-0145 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 793.62<br>467.08<br>121.72 | 54.25                   |
| 06 41 13 00-0146 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 839.11<br>467.08<br>121.72 | 59.67                   |
| 06 41 13 00-0147 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....<br>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add<br>For All Plywood Box Construction, Add  | 886.10<br>467.08<br>121.72 | 65.10                   |
| <b>06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0114)</b>                                                                                                                                                                                   |                            |                         |
| 06 41 13 00-0149 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                     | 315.43<br>65.31            | 54.25                   |
| 06 41 13 00-0150 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                     | 336.07<br>65.31            | 59.67                   |
| 06 41 13 00-0151 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                     | 370.39<br>65.31            | 65.10                   |
| 06 41 13 00-0152 EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                     | 395.12<br>65.31            | 70.53                   |
| <b>06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0114)</b>                                                                                                                                                                                   |                            |                         |
| 06 41 13 00-0154 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 268.31<br>65.31            | 21.70                   |
| 06 41 13 00-0155 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 274.44<br>65.31            | 27.12                   |
| 06 41 13 00-0156 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 287.50<br>65.31            | 32.55                   |
| 06 41 13 00-0157 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 295.60<br>65.31            | 37.98                   |
| 06 41 13 00-0158 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 303.71<br>65.31            | 43.40                   |
| 06 41 13 00-0159 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 317.76<br>65.31            | 54.25                   |
| 06 41 13 00-0160 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 339.72<br>65.31            | 59.67                   |
| 06 41 13 00-0161 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 370.39<br>65.31            | 65.10                   |
| 06 41 13 00-0162 EA 39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br>For All Plywood Box Construction, Add                                                                                                      | 395.12<br>65.31            | 70.53                   |
| <b>06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0114)</b>                                                                                                                                                                                   |                            |                         |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Architectural Woodwork         |  |  | 06 40 |    |
| Architectural Wood Casework    |  |  | 06 41 |    |

| MINOR                                                                      |     | DESCRIPTION                                                                                                                                  | TOTAL DIRECT    |           | DEMOLITION |
|----------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|------------|
| CSI                                                                        | UOM |                                                                                                                                              | UNIT COST       | UNIT COST |            |
| 06 41 13 00-0164                                                           | EA  | 12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 278.21<br>65.31 | 21.70     |            |
| 06 41 13 00-0165                                                           | EA  | 15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 292.25<br>65.31 | 27.12     |            |
| 06 41 13 00-0166                                                           | EA  | 18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 303.33<br>65.31 | 32.55     |            |
| 06 41 13 00-0167                                                           | EA  | 21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 315.40<br>65.31 | 37.98     |            |
| 06 41 13 00-0168                                                           | EA  | 24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 331.42<br>65.31 | 43.40     |            |
| 06 41 13 00-0169                                                           | EA  | 27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 350.31<br>65.31 | 48.85     |            |
| 06 41 13 00-0170                                                           | EA  | 30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 366.25<br>65.31 | 54.25     |            |
| 06 41 13 00-0171                                                           | EA  | 33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 380.29<br>65.31 | 59.67     |            |
| 06 41 13 00-0172                                                           | EA  | 36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 388.20<br>65.31 | 65.10     |            |
| 06 41 13 00-0173      Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0114) |     |                                                                                                                                              |                 |           |            |
| 06 41 13 00-0174                                                           | EA  | 12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 303.54<br>65.31 | 21.70     |            |
| 06 41 13 00-0175                                                           | EA  | 15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 330.49<br>65.31 | 27.12     |            |
| 06 41 13 00-0176                                                           | EA  | 18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 352.24<br>65.31 | 32.55     |            |
| 06 41 13 00-0177                                                           | EA  | 21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 378.19<br>65.31 | 37.98     |            |
| 06 41 13 00-0178                                                           | EA  | 24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 404.17<br>65.31 | 43.40     |            |
| 06 41 13 00-0179                                                           | EA  | 27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 442.84<br>65.31 | 48.85     |            |
| 06 41 13 00-0180                                                           | EA  | 30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 453.82<br>65.31 | 54.25     |            |
| 06 41 13 00-0181                                                           | EA  | 33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 493.77<br>65.31 | 59.67     |            |
| 06 41 13 00-0182                                                           | EA  | 36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 508.95<br>65.31 | 65.10     |            |
| 06 41 13 00-0183      Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0114) |     |                                                                                                                                              |                 |           |            |
| 06 41 13 00-0184                                                           | EA  | 12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 341.15<br>65.31 | 21.70     |            |
| 06 41 13 00-0185                                                           | EA  | 15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 369.09<br>65.31 | 27.12     |            |
| 06 41 13 00-0186                                                           | EA  | 18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 393.80<br>65.31 | 32.55     |            |
| 06 41 13 00-0187                                                           | EA  | 21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 421.73<br>65.31 | 37.98     |            |
| 06 41 13 00-0188                                                           | EA  | 24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 494.23<br>65.31 | 43.40     |            |
| 06 41 13 00-0189                                                           | EA  | 27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 496.28<br>65.31 | 48.85     |            |
| 06 41 13 00-0190                                                           | EA  | 30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 514.19<br>65.31 | 54.25     |            |
| 06 41 13 00-0191                                                           | EA  | 33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 562.05<br>65.31 | 59.67     |            |
| 06 41 13 00-0192                                                           | EA  | 36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 576.24<br>65.31 | 65.10     |            |
| 06 41 13 00-0193      Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0114) |     |                                                                                                                                              |                 |           |            |
| 06 41 13 00-0194                                                           | EA  | 12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 379.74<br>65.31 | 21.70     |            |
| 06 41 13 00-0195                                                           | EA  | 15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 414.61<br>65.31 | 27.12     |            |
| 06 41 13 00-0196                                                           | EA  | 18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 441.30<br>65.31 | 32.55     |            |
| 06 41 13 00-0197                                                           | EA  | 21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 468.24<br>65.31 | 37.98     |            |
| 06 41 13 00-0198                                                           | EA  | 24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 510.06<br>65.31 | 43.40     |            |
| 06 41 13 00-0199                                                           | EA  | 27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 543.78<br>65.31 | 48.85     |            |
| 06 41 13 00-0200                                                           | EA  | 30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 571.58<br>65.31 | 54.25     |            |
| 06 41 13 00-0201                                                           | EA  | 33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 625.38<br>65.31 | 59.67     |            |
| 06 41 13 00-0202                                                           | EA  | 36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....<br><i>For All Plywood Box Construction, Add</i> | 644.53<br>65.31 | 65.10     |            |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 41 13 00-0203 |     | <b>Wall Cabinets, 12" High, 23-3/4" Deep</b> (06 41 13 00-0114)                                                                                  |                           |                         |
| 06 41 13 00-0204 | EA  | 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....                                                | 361.17                    | 54.25                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 65.31                     |                         |
| 06 41 13 00-0205 | EA  | 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....                                                | 387.86                    | 59.67                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 65.31                     |                         |
| 06 41 13 00-0206 | EA  | 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....                                                | 416.05                    | 65.10                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 65.31                     |                         |
| 06 41 13 00-0207 | EA  | 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....                                                | 449.83                    | 70.53                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 65.31                     |                         |
| 06 41 13 00-0208 | EA  | 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet .....                                                | 530.19                    | 86.81                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 65.31                     |                         |
| 06 41 13 00-0209 |     | <b>Utility Cabinets, 84" High</b> (06 41 13 00-0114)                                                                                             |                           |                         |
| 06 41 13 00-0210 | EA  | 15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 692.14                    | 48.22                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0211 | EA  | 18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 782.80                    | 57.87                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0212 | EA  | 21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 879.41                    | 453.30                  |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0213 | EA  | 24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 924.56                    | 77.16                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0214 | EA  | 30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                    | 1,116.15                  | 96.44                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0215 | EA  | 36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                    | 1,285.98                  | 115.74                  |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0216 | EA  | 15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 781.20                    | 48.22                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0217 | EA  | 18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 863.94                    | 57.87                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0218 | EA  | 21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 985.30                    | 67.52                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0219 | EA  | 24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                     | 1,047.27                  | 77.16                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0220 | EA  | 30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                    | 1,296.26                  | 96.44                   |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0221 | EA  | 36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet .....                                                    | 1,480.93                  | 115.74                  |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 241.46                    |                         |
| 06 41 13 00-0222 |     | <b>Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets</b> (06 41 13 00-0005)                                                      |                           |                         |
| 06 41 13 00-0223 |     | <b>Base Cabinets, 35" High, 23-3/4" Deep</b> (06 41 13 00-0222)                                                                                  |                           |                         |
| 06 41 13 00-0224 | EA  | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 351.05                    | 21.70                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0225 | EA  | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 373.17                    | 27.12                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0226 | EA  | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 390.19                    | 32.55                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0227 | EA  | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 410.96                    | 37.98                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0228 | EA  | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 466.75                    | 43.40                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0229 | EA  | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 488.60                    | 48.83                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0230 | EA  | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 527.42                    | 54.25                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0231 | EA  | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 556.09                    | 59.67                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0232 | EA  | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 573.39                    | 65.10                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 116.77                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |
| 06 41 13 00-0233 | EA  | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door<br>and Drawer Front, Base Cabinet ..... | 653.94                    | 86.81                   |
|                  |     | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....                                                       | 233.54                    |                         |
|                  |     | <i>For All Plywood Box Construction, Add</i> .....                                                                                               | 121.72                    |                         |



| Wood, Plastics, and Composites |  |  | 06    | 06 |
|--------------------------------|--|--|-------|----|
| Architectural Woodwork         |  |  | 06 40 |    |
| Architectural Wood Casework    |  |  | 06 41 |    |

| MINOR               |    |                                                                                                                                                  | TOTAL DIRECT |  | DEMOLITION |  |
|---------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI UOM DESCRIPTION |    |                                                                                                                                                  | UNIT COST    |  | UNIT COST  |  |
| 06 41 13 00-0234    | EA | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 723.36       |  | 54.25      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 233.54       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0235    | EA | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 801.99       |  | 65.10      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 233.54       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0236    | EA | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 758.98       |  | 54.25      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0237    | EA | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet | 846.52       |  | 65.10      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0238    | EA | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 356.99       |  | 21.70      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0239    | EA | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 365.26       |  | 27.12      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0240    | EA | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 398.10       |  | 32.55      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0241    | EA | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 423.82       |  | 37.98      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0242    | EA | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 442.02       |  | 43.40      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0243    | EA | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 463.86       |  | 48.83      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0244    | EA | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 757.00       |  | 54.25      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0245    | EA | 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 797.55       |  | 59.67      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0246    | EA | 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                           | 838.60       |  | 65.10      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 350.31       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0247    | EA | 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 436.15       |  | 21.70      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0248    | EA | 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 446.40       |  | 27.12      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0249    | EA | 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 484.20       |  | 32.55      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0250    | EA | 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 514.86       |  | 37.98      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0251    | EA | 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 540.97       |  | 43.40      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0252    | EA | 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 568.75       |  | 48.83      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0253    | EA | 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 793.62       |  | 54.25      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |
| 06 41 13 00-0254    | EA | 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet                            | 839.11       |  | 59.67      |  |
|                     |    | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                    | 467.08       |  |            |  |
|                     |    | For All Plywood Box Construction, Add                                                                                                            | 121.72       |  |            |  |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR<br>CSI UOM DESCRIPTION                                                 |    |                                                                                                                          |       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------|-------|---------------------------|-------------------------|
| 06 41 13 00-0255                                                             | EA | 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts,<br>Base Cabinet | ..... | 886.10                    | 65.10                   |
|                                                                              |    | <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>                                     | ..... | 467.08                    |                         |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 121.72                    |                         |
| <b>06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0222)</b> |    |                                                                                                                          |       |                           |                         |
| 06 41 13 00-0257                                                             | EA | 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                     | ..... | 315.43                    | 54.25                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0258                                                             | EA | 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                     | ..... | 336.07                    | 59.67                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0259                                                             | EA | 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                     | ..... | 370.39                    | 65.10                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0260                                                             | EA | 39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                     | ..... | 395.12                    | 70.53                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| <b>06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0222)</b> |    |                                                                                                                          |       |                           |                         |
| 06 41 13 00-0262                                                             | EA | 12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 268.31                    | 21.70                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0263                                                             | EA | 15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 274.44                    | 27.12                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0264                                                             | EA | 18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 287.50                    | 32.55                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0265                                                             | EA | 21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 295.60                    | 37.98                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0266                                                             | EA | 24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 303.71                    | 43.40                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0267                                                             | EA | 30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 317.76                    | 54.25                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0268                                                             | EA | 33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 339.72                    | 59.67                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0269                                                             | EA | 36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 370.39                    | 65.10                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0270                                                             | EA | 39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 395.12                    | 70.53                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| <b>06 41 13 00-0271 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0222)</b> |    |                                                                                                                          |       |                           |                         |
| 06 41 13 00-0272                                                             | EA | 12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 278.21                    | 21.70                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0273                                                             | EA | 15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 292.25                    | 27.12                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0274                                                             | EA | 18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 303.33                    | 32.55                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0275                                                             | EA | 21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 315.40                    | 37.98                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0276                                                             | EA | 24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 331.42                    | 43.40                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0277                                                             | EA | 27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 350.31                    | 48.85                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0278                                                             | EA | 30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 366.25                    | 54.25                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0279                                                             | EA | 33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 380.29                    | 59.67                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0280                                                             | EA | 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 388.20                    | 65.10                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| <b>06 41 13 00-0281 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0222)</b> |    |                                                                                                                          |       |                           |                         |
| 06 41 13 00-0282                                                             | EA | 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 303.54                    | 21.70                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0283                                                             | EA | 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 330.49                    | 27.12                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0284                                                             | EA | 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 352.24                    | 32.55                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0285                                                             | EA | 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 378.19                    | 37.98                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0286                                                             | EA | 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 404.17                    | 43.40                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0287                                                             | EA | 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 442.84                    | 48.85                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0288                                                             | EA | 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 453.82                    | 54.25                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0289                                                             | EA | 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 493.77                    | 59.67                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| 06 41 13 00-0290                                                             | EA | 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet                    | ..... | 508.95                    | 65.10                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |
| <b>06 41 13 00-0291 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0222)</b> |    |                                                                                                                          |       |                           |                         |
| 06 41 13 00-0292                                                             | EA | 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet                      | ..... | 341.15                    | 21.70                   |
|                                                                              |    | <i>For All Plywood Box Construction, Add</i>                                                                             | ..... | 65.31                     |                         |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Architectural Woodwork         |  |  | 06 40 |    |
| Architectural Wood Casework    |  |  | 06 41 |    |

| MINOR                                                                     | CSI | UOM                                                                                                       | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 06 41 13 00-0293                                                          | EA  | 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 369.09                 | 27.12                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0294                                                          | EA  | 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 393.80                 | 32.55                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0295                                                          | EA  | 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 421.73                 | 37.98                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0296                                                          | EA  | 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 494.23                 | 43.40                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0297                                                          | EA  | 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 496.28                 | 48.85                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0298                                                          | EA  | 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 514.19                 | 54.25                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0299                                                          | EA  | 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 562.05                 | 59.67                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0300                                                          | EA  | 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 576.24                 | 65.10                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0222)     |     |                                                                                                           |             |                        |                      |
| 06 41 13 00-0302                                                          | EA  | 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 379.74                 | 21.70                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0303                                                          | EA  | 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 414.61                 | 27.12                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0304                                                          | EA  | 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 441.30                 | 32.55                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0305                                                          | EA  | 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 468.24                 | 37.98                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0306                                                          | EA  | 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet       | .....       | 510.06                 | 43.40                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0307                                                          | EA  | 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 543.78                 | 48.85                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0308                                                          | EA  | 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 571.58                 | 54.25                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0309                                                          | EA  | 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 625.38                 | 59.67                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0310                                                          | EA  | 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet     | .....       | 644.53                 | 65.10                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0222) |     |                                                                                                           |             |                        |                      |
| 06 41 13 00-0312                                                          | EA  | 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | .....       | 361.17                 | 54.25                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0313                                                          | EA  | 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | .....       | 387.86                 | 59.67                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0314                                                          | EA  | 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | .....       | 416.05                 | 65.10                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0315                                                          | EA  | 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | .....       | 449.83                 | 70.53                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0316                                                          | EA  | 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet | .....       | 530.19                 | 86.81                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 65.31                  |                      |
| 06 41 13 00-0317 Utility Cabinets, 84" High (06 41 13 00-0222)            |     |                                                                                                           |             |                        |                      |
| 06 41 13 00-0318                                                          | EA  | 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 692.14                 | 48.22                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0319                                                          | EA  | 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 782.80                 | 57.87                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0320                                                          | EA  | 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 879.41                 | 453.30               |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0321                                                          | EA  | 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 924.56                 | 77.16                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0322                                                          | EA  | 30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet     | .....       | 1,116.15               | 96.44                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0323                                                          | EA  | 36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet     | .....       | 1,285.98               | 115.74               |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0324                                                          | EA  | 15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 781.20                 | 48.22                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0325                                                          | EA  | 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 863.94                 | 57.87                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0326                                                          | EA  | 21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 985.30                 | 67.52                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0327                                                          | EA  | 24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet      | .....       | 1,047.27               | 77.16                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0328                                                          | EA  | 30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet     | .....       | 1,296.26               | 96.44                |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0329                                                          | EA  | 36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet     | .....       | 1,480.93               | 115.74               |
|                                                                           |     | For All Plywood Box Construction, Add                                                                     | .....       | 241.46                 |                      |
| 06 41 13 00-0330                                                          |     | Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0005)      |             |                        |                      |
| 06 41 13 00-0331                                                          |     | Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0330)                                                  |             |                        |                      |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST  | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|
| 06 41 13 00-0332 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 351.05<br>116.77<br>121.72 | 21.70                   |
| 06 41 13 00-0333 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 373.17<br>116.77<br>121.72 | 27.12                   |
| 06 41 13 00-0334 | EA  |     | 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 390.19<br>116.77<br>121.72 | 32.55                   |
| 06 41 13 00-0335 | EA  |     | 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 410.96<br>116.77<br>121.72 | 37.98                   |
| 06 41 13 00-0336 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 466.75<br>116.77<br>121.72 | 43.40                   |
| 06 41 13 00-0337 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 488.60<br>116.77<br>121.72 | 48.83                   |
| 06 41 13 00-0338 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 527.42<br>116.77<br>121.72 | 54.25                   |
| 06 41 13 00-0339 | EA  |     | 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 556.09<br>116.77<br>121.72 | 59.67                   |
| 06 41 13 00-0340 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 573.39<br>116.77<br>121.72 | 65.10                   |
| 06 41 13 00-0341 | EA  |     | 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative<br>Laminate Veneer Door and Drawer Front, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....          | 653.94<br>233.54<br>121.72 | 86.81                   |
| 06 41 13 00-0342 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and<br>Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> ..... | 723.36<br>233.54<br>121.72 | 54.25                   |
| 06 41 13 00-0343 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and<br>Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> ..... | 801.99<br>233.54<br>121.72 | 65.10                   |
| 06 41 13 00-0344 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and<br>Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> ..... | 758.98<br>350.31<br>121.72 | 54.25                   |
| 06 41 13 00-0345 | EA  |     | 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and<br>Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> ..... | 846.52<br>350.31<br>121.72 | 65.10                   |
| 06 41 13 00-0346 | EA  |     | 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 356.99<br>350.31<br>121.72 | 21.70                   |
| 06 41 13 00-0347 | EA  |     | 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 365.26<br>350.31<br>121.72 | 27.12                   |
| 06 41 13 00-0348 | EA  |     | 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 398.10<br>350.31<br>121.72 | 32.55                   |
| 06 41 13 00-0349 | EA  |     | 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 423.82<br>350.31<br>121.72 | 37.98                   |
| 06 41 13 00-0350 | EA  |     | 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 442.02<br>350.31<br>121.72 | 43.40                   |
| 06 41 13 00-0351 | EA  |     | 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 463.86<br>350.31<br>121.72 | 48.83                   |
| 06 41 13 00-0352 | EA  |     | 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate<br>Veneer Drawer Fronts, Base Cabinet .....<br><i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....<br><i>For All Plywood Box Construction, Add</i> .....                           | 757.00<br>350.31<br>121.72 | 54.25                   |





| Wood, Plastics, and Composites |  |  | 06    |
|--------------------------------|--|--|-------|
| Architectural Woodwork         |  |  | 06 40 |
| Architectural Wood Casework    |  |  | 06 41 |

06

| MINOR            |                                                                                                                                                | TOTAL DIRECT |  | DEMOLITION |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI              | UOM DESCRIPTION                                                                                                                                | UNIT COST    |  | UNIT COST  |  |
| 06 41 13 00-0353 | EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet..... | 797.55       |  | 59.67      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 350.31       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0354 | EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet..... | 838.60       |  | 65.10      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 350.31       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0355 | EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 436.15       |  | 21.70      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0356 | EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 446.40       |  | 27.12      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0357 | EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 484.20       |  | 32.55      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0358 | EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 514.86       |  | 37.98      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0359 | EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 540.97       |  | 43.40      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0360 | EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 568.75       |  | 48.83      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0361 | EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 793.62       |  | 54.25      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0362 | EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 839.11       |  | 59.67      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0363 | EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....  | 886.10       |  | 65.10      |  |
|                  | For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add                                                                  | 467.08       |  |            |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 121.72       |  |            |  |
| 06 41 13 00-0364 | Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)                                                                                           |              |  |            |  |
| 06 41 13 00-0365 | EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                   | 315.43       |  | 54.25      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0366 | EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                   | 336.07       |  | 59.67      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0367 | EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                   | 370.39       |  | 65.10      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0368 | EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                   | 395.12       |  | 70.53      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0369 | Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0330)                                                                                           |              |  |            |  |
| 06 41 13 00-0370 | EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....                    | 268.31       |  | 21.70      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0371 | EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....                    | 274.44       |  | 27.12      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0372 | EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....                    | 287.50       |  | 32.55      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0373 | EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....                    | 295.60       |  | 37.98      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0374 | EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....                    | 303.71       |  | 43.40      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0375 | EA 30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                  | 317.76       |  | 54.25      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0376 | EA 33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....                  | 339.72       |  | 59.67      |  |
|                  | For All Plywood Box Construction, Add                                                                                                          | 65.31        |  |            |  |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR                                                                        | CSI | UOM | DESCRIPTION                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 41 13 00-0377                                                             | EA  |     | 36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 370.39<br>65.31           | 65.10                   |
| 06 41 13 00-0378                                                             | EA  |     | 39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 395.12<br>65.31           | 70.53                   |
| <b>06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0330)</b> |     |     |                                                                                                                                                                                      |                           |                         |
| 06 41 13 00-0380                                                             | EA  |     | 12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 278.21<br>65.31           | 21.70                   |
| 06 41 13 00-0381                                                             | EA  |     | 15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 292.25<br>65.31           | 27.12                   |
| 06 41 13 00-0382                                                             | EA  |     | 18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 303.33<br>65.31           | 32.55                   |
| 06 41 13 00-0383                                                             | EA  |     | 21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 315.40<br>65.31           | 37.98                   |
| 06 41 13 00-0384                                                             | EA  |     | 24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 331.42<br>65.31           | 43.40                   |
| 06 41 13 00-0385                                                             | EA  |     | 27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 350.31<br>65.31           | 48.85                   |
| 06 41 13 00-0386                                                             | EA  |     | 30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 366.25<br>65.31           | 54.25                   |
| 06 41 13 00-0387                                                             | EA  |     | 33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 380.29<br>65.31           | 59.67                   |
| 06 41 13 00-0388                                                             | EA  |     | 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 388.20<br>65.31           | 65.10                   |
| <b>06 41 13 00-0389 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0330)</b> |     |     |                                                                                                                                                                                      |                           |                         |
| 06 41 13 00-0390                                                             | EA  |     | 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 303.54<br>65.31           | 21.70                   |
| 06 41 13 00-0391                                                             | EA  |     | 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 330.49<br>65.31           | 27.12                   |
| 06 41 13 00-0392                                                             | EA  |     | 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 352.24<br>65.31           | 32.55                   |
| 06 41 13 00-0393                                                             | EA  |     | 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 378.19<br>65.31           | 37.98                   |
| 06 41 13 00-0394                                                             | EA  |     | 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 404.17<br>65.31           | 43.40                   |
| 06 41 13 00-0395                                                             | EA  |     | 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 442.84<br>65.31           | 48.85                   |
| 06 41 13 00-0396                                                             | EA  |     | 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 453.82<br>65.31           | 54.25                   |
| 06 41 13 00-0397                                                             | EA  |     | 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 493.77<br>65.31           | 59.67                   |
| 06 41 13 00-0398                                                             | EA  |     | 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> ..... | 508.95<br>65.31           | 65.10                   |
| <b>06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0330)</b> |     |     |                                                                                                                                                                                      |                           |                         |
| 06 41 13 00-0400                                                             | EA  |     | 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 341.15<br>65.31           | 21.70                   |
| 06 41 13 00-0401                                                             | EA  |     | 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 369.09<br>65.31           | 27.12                   |
| 06 41 13 00-0402                                                             | EA  |     | 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 393.80<br>65.31           | 32.55                   |
| 06 41 13 00-0403                                                             | EA  |     | 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 421.73<br>65.31           | 37.98                   |
| 06 41 13 00-0404                                                             | EA  |     | 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door,<br>Wall Cabinet .....<br><i>For All Plywood Box Construction, Add</i> .....   | 494.23<br>65.31           | 43.40                   |



| Wood, Plastics, and Composites |  |  | 06    | 06 |
|--------------------------------|--|--|-------|----|
| Architectural Woodwork         |  |  | 06 40 |    |
| Architectural Wood Casework    |  |  | 06 41 |    |

| MINOR                                                                     |            |    |                                                                                                                                | TOTAL DIRECT |  | DEMOLITION |  |
|---------------------------------------------------------------------------|------------|----|--------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI UOM DESCRIPTION                                                       |            |    |                                                                                                                                | UNIT COST    |  | UNIT COST  |  |
| 06 41                                                                     | 13 00-0405 | EA | 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 496.28       |  | 48.85      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0406 | EA | 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 514.19       |  | 54.25      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0407 | EA | 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 562.05       |  | 59.67      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0408 | EA | 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 576.24       |  | 65.10      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0330)     |            |    |                                                                                                                                |              |  |            |  |
| 06 41                                                                     | 13 00-0410 | EA | 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....       | 379.74       |  | 21.70      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0411 | EA | 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....       | 414.61       |  | 27.12      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0412 | EA | 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....       | 441.30       |  | 32.55      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0413 | EA | 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....       | 468.24       |  | 37.98      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0414 | EA | 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....       | 510.06       |  | 43.40      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0415 | EA | 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 543.78       |  | 48.85      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0416 | EA | 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 571.58       |  | 54.25      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0417 | EA | 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 625.38       |  | 59.67      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0418 | EA | 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....     | 644.53       |  | 65.10      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0330) |            |    |                                                                                                                                |              |  |            |  |
| 06 41                                                                     | 13 00-0420 | EA | 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet..... | 361.17       |  | 54.25      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0421 | EA | 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet..... | 387.86       |  | 59.67      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0422 | EA | 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet..... | 416.05       |  | 65.10      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0423 | EA | 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet..... | 449.83       |  | 70.53      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41                                                                     | 13 00-0424 | EA | 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet..... | 530.19       |  | 86.81      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 65.31        |  |            |  |
| 06 41 13 00-0425 Utility Cabinets, 84" High (06 41 13 00-0330)            |            |    |                                                                                                                                |              |  |            |  |
| 06 41                                                                     | 13 00-0426 | EA | 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....      | 692.14       |  | 48.22      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0427 | EA | 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....      | 782.80       |  | 57.87      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0428 | EA | 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....      | 879.41       |  | 453.30     |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0429 | EA | 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....      | 924.56       |  | 77.16      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0430 | EA | 30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....     | 1,116.15     |  | 96.44      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0431 | EA | 36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....     | 1,285.98     |  | 115.74     |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |
| 06 41                                                                     | 13 00-0432 | EA | 15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....      | 781.20       |  | 48.22      |  |
|                                                                           |            |    | For All Plywood Box Construction, Add                                                                                          | 241.46       |  |            |  |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

| MINOR<br>CSI                                        | UOM | DESCRIPTION                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 41 13 00-0433                                    | EA  | 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Pantry Cabinet.....  | 863.94                    | 57.87                   |
|                                                     |     | <i>For All Plywood Box Construction, Add</i> .....                                                                            | 241.46                    |                         |
| 06 41 13 00-0434                                    | EA  | 21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Pantry Cabinet.....  | 985.30                    | 67.52                   |
|                                                     |     | <i>For All Plywood Box Construction, Add</i> .....                                                                            | 241.46                    |                         |
| 06 41 13 00-0435                                    | EA  | 24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Pantry Cabinet.....  | 1,047.27                  | 77.16                   |
|                                                     |     | <i>For All Plywood Box Construction, Add</i> .....                                                                            | 241.46                    |                         |
| 06 41 13 00-0436                                    | EA  | 30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Pantry Cabinet..... | 1,296.26                  | 96.44                   |
|                                                     |     | <i>For All Plywood Box Construction, Add</i> .....                                                                            | 241.46                    |                         |
| 06 41 13 00-0437                                    | EA  | 36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors,<br>Pantry Cabinet..... | 1,480.93                  | 115.74                  |
|                                                     |     | <i>For All Plywood Box Construction, Add</i> .....                                                                            | 241.46                    |                         |
| <b>06 41 93 Cabinet and Drawer Hardware (06 41)</b> |     |                                                                                                                               |                           |                         |
| 06 41 93 00-0001                                    |     | <b>Cabinet Hardware (06 41 93)</b><br>Note: Includes all finishes, and mounting screws.                                       |                           |                         |
| 06 41 93 00-0002                                    | EA  | 4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....                                                                           | 26.36                     | 9.23                    |
| 06 41 93 00-0003                                    | EA  | 7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....                                                                           | 27.22                     | 9.23                    |
| 06 41 93 00-0004                                    | EA  | 10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....                                                                         | 28.74                     | 9.23                    |
| 06 41 93 00-0005                                    | EA  | 3" To 4-1/2", Flat Cabinet Pull Handle.....                                                                                   | 30.42                     | 9.23                    |
| 06 41 93 00-0006                                    | EA  | 5" To 6-1/2", Flat Cabinet Pull Handle.....                                                                                   | 31.29                     | 9.23                    |
| 06 41 93 00-0007                                    | EA  | 7" To 8-1/2", Flat Cabinet Pull Handle.....                                                                                   | 40.60                     | 9.23                    |
| 06 41 93 00-0008                                    | EA  | 12" To 12-1/2", Flat Cabinet Pull Handle.....                                                                                 | 79.15                     | 9.23                    |
| 06 41 93 00-0009                                    | EA  | 1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....                                                                            | 20.56                     | 7.05                    |
| 06 41 93 00-0010                                    | EA  | 3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....                                                                       | 20.41                     | 7.05                    |
| 06 41 93 00-0011                                    | EA  | 1-1/4" Long, Finger Cabinet Pull.....                                                                                         | 27.82                     | 8.14                    |
| 06 41 93 00-0012                                    | EA  | 3" Long, Finger Cabinet Pull.....                                                                                             | 31.88                     | 8.14                    |
| 06 41 93 00-0013                                    | EA  | 4" Long, Finger Cabinet Pull.....                                                                                             | 34.65                     | 8.14                    |
| 06 41 93 00-0014                                    | EA  | 6" Long, Finger Cabinet Pull.....                                                                                             | 38.44                     | 8.14                    |
| 06 41 93 00-0015                                    | EA  | 12" Long, Finger Cabinet Pull.....                                                                                            | 56.03                     | 8.14                    |
| 06 41 93 00-0016                                    | EA  | Cabinet Spring Loaded Adjustable Barrel Ball Catch.....                                                                       | 40.48                     | 10.85                   |
| 06 41 93 00-0017                                    | EA  | Cabinet Surface Mounted Square or Matchbook Latch.....                                                                        | 59.55                     | 10.85                   |
| 06 41 93 00-0018                                    | EA  | Cabinet Door or Drawer Mortised Lock With 2 Keys.....                                                                         | 156.09                    | 16.28                   |
| 06 41 93 00-0019                                    | EA  | Cabinet Door or Drawer Bored Lock with 2 Keys.....                                                                            | 53.40                     | 9.23                    |
| 06 41 93 00-0020                                    | EA  | Cabinet Surface Mounted Slide or Barrel Bolt Latch.....                                                                       | 35.98                     | 9.23                    |
| 06 41 93 00-0021                                    | EA  | Cabinet Door or Drawer Bored 4-Pin, Cam Lock With 2 Keys.....                                                                 | 91.51                     |                         |
| <b>06 42 Wood Paneling (06 40)</b>                  |     |                                                                                                                               |                           |                         |
|                                                     |     | Note: Includes glue for installation.                                                                                         |                           |                         |
| <b>06 42 13 Wood Board Paneling (06 42)</b>         |     |                                                                                                                               |                           |                         |
| 06 42 13 00-0001                                    |     | <b>Solid Wood Paneling (06 42 13)</b>                                                                                         |                           |                         |
| 06 42 13 00-0002                                    |     | <b>7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)</b>                                         |                           |                         |
| 06 42 13 00-0003                                    | SF  | Homestead Cedar Paneling Tongue And Groove, 7/16".....                                                                        | 9.40                      | 2.28                    |
| 06 42 13 00-0004                                    | SF  | Homestead Juniper Paneling Tongue And Groove, 7/16".....                                                                      | 9.87                      | 2.28                    |
| 06 42 13 00-0005                                    |     | <b>7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)</b>                                        |                           |                         |
| 06 42 13 00-0006                                    | SF  | 8" Random Plank Tongue And Groove, 7/16".....                                                                                 | 12.61                     | 2.16                    |
| 06 42 13 00-0007                                    | SF  | 8" Solid Plank Tongue And Groove, 7/16".....                                                                                  | 11.69                     | 2.16                    |
| 06 42 13 00-0008                                    |     | <b>1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)</b>                                          |                           |                         |
| 06 42 13 00-0009                                    | SF  | Alder Wood Tongue And Groove Paneling, 1/2".....                                                                              | 10.80                     | 2.28                    |
| 06 42 13 00-0010                                    |     | <b>1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)</b>                                                      |                           |                         |
| 06 42 13 00-0011                                    | SF  | 1" Terebo (Driftwood) Wood Shiplap.....                                                                                       | 7.07                      | 1.95                    |
| <b>06 42 16 Flush Wood Paneling (06 42)</b>         |     |                                                                                                                               |                           |                         |
| 06 42 16 00-0001                                    |     | <b>Veneer Hardboard Panels (06 42 16)</b>                                                                                     |                           |                         |
| 06 42 16 00-0002                                    | SF  | 1/4" Maple Veneer Paneling.....                                                                                               | 6.21                      | 1.97                    |
|                                                     |     | <i>For Waterproof Glue, Add</i> .....                                                                                         | 0.12                      |                         |
|                                                     |     | <i>For Ceiling Installation, Add</i> .....                                                                                    | 1.34                      |                         |
| 06 42 16 00-0003                                    |     | <b>Plywood Unfinished With Trim 1/4" Thick (06 42 16)</b>                                                                     |                           |                         |
| 06 42 16 00-0004                                    |     | <b>Birch (06 42 16 00-0003)</b>                                                                                               |                           |                         |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Architectural Woodwork         |  |  | 06 40 |    |
| Wood Paneling                  |  |  | 06 42 |    |

| MINOR            | CSI | UOM  | DESCRIPTION                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------|-------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 42 16 00-0005 | SF  | 1/4" | Unfinished Birch Plywood, Natural Faced With Trim .....                 | 5.40                      | 1.75                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.10                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.18                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.43                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.27                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.16                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.52                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.27                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.57                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 1.97                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 1.16                      |                         |
| 06 42 16 00-0006 | SF  | 1/4" | Unfinished Birch Plywood, Select With Trim.....                         | 5.51                      | 1.75                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.11                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.18                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.43                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.28                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.17                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.54                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.32                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.66                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 2.08                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 1.25                      |                         |
| 06 42 16 00-0007 |     |      | <b>Knotty Pine</b> (06 42 16 00-0003)                                   |                           |                         |
| 06 42 16 00-0008 | SF  | 1/4" | Knotty Pine Plywood, Grade AA Unfinished With Trim .....                | 6.31                      | 1.97                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.14                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.31                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.48                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.32                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.21                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.63                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.57                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.98                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 2.50                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 1.53                      |                         |
| 06 42 16 00-0009 | SF  | 1/4" | Knotty Pine Plywood, Grade AD Unfinished With Trim.....                 | 6.23                      | 1.97                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.13                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.31                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.48                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.31                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.20                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.62                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.53                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.92                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 2.42                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 1.47                      |                         |
| 06 42 16 00-0010 |     |      | <b>Cedar (Aromatic - Closet Lining)</b> (06 42 16 00-0003)              |                           |                         |
| 06 42 16 00-0011 | SF  | 1/4" | Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining ..... | 6.16                      | 2.19                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.09                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.48                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.54                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.31                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.14                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.55                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.26                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.52                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 1.86                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 0.98                      |                         |
| 06 42 16 00-0012 | SF  | 1/4" | Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining ..... | 6.06                      | 2.19                    |
|                  |     |      | For Waterproof Glue, Add                                                | 0.08                      |                         |
|                  |     |      | For Ceiling Installation, Add                                           | 1.48                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                         | 0.54                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                                    | 0.30                      |                         |
|                  |     |      | For Lumber Core, Add                                                    | 0.13                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                         | -0.53                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                            | 1.21                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                            | 1.45                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                            | 1.75                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                             | 0.90                      |                         |
| 06 42 16 00-0013 |     |      | <b>Top Grade Plywood Prefinished With Trim 1/4" Thick</b> (06 42 16)    |                           |                         |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 42 Wood Paneling**

| MINOR            | CSI | UOM  | DESCRIPTION                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------|----------------------------------------------------------------|---------------------------|-------------------------|
| 06 42 16 00-0014 | SF  | 1/4" | Top Grade Plywood, Birch Veneer Prefinished With Trim .....    | 6.01                      | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 0.82                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.16                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.25                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.11                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.31                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.48                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.30                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.18                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -0.58                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 1.41                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 1.75                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 2.20                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 1.30                      |                         |
| 06 42 16 00-0015 | SF  | 1/4" | Top Grade Plywood, Cherry Veneer Prefinished With Trim .....   | 6.75                      | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 1.19                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.24                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.36                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.17                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.31                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.48                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.34                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.26                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -0.70                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 1.81                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 2.31                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 2.95                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 1.88                      |                         |
| 06 42 16 00-0016 | SF  | 1/4" | Top Grade Plywood, Chestnut Veneer Prefinished With Trim ..... | 10.35                     | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 2.56                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.51                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.77                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.36                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.57                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.58                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.52                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.56                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -1.22                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 3.39                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 4.46                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 5.84                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 4.04                      |                         |
| 06 42 16 00-0017 | SF  | 1/4" | Top Grade Plywood, Lauan Veneer Prefinished With Trim .....    | 5.01                      | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 0.55                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.11                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.16                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.08                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.18                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.43                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.25                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.12                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -0.46                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 1.06                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 1.29                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 1.58                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 0.86                      |                         |
| 06 42 16 00-0018 | SF  | 1/4" | Top Grade Plywood, Mahogany Veneer Prefinished With Trim ..... | 9.03                      | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 2.06                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.41                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.62                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.29                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.48                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.54                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.45                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.45                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -1.03                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 2.81                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 3.67                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 4.78                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 3.25                      |                         |
| 06 42 16 00-0019 | SF  | 1/4" | Top Grade Plywood, Red Oak Veneer Prefinished With Trim .....  | 6.19                      | 1.97                    |
|                  |     |      | For Flitch Matched Veneer, Add                                 | 0.91                      |                         |
|                  |     |      | For Second Grade Veneer, Deduct                                | -0.18                     |                         |
|                  |     |      | For Third Grade Veneer, Deduct                                 | -0.27                     |                         |
|                  |     |      | For Waterproof Glue, Add                                       | 0.13                      |                         |
|                  |     |      | For Ceiling Installation, Add                                  | 1.31                      |                         |
|                  |     |      | For Installation On Metal Studs Or Furring, Add                | 0.48                      |                         |
|                  |     |      | For Glue Laminated Installation, Add                           | 0.31                      |                         |
|                  |     |      | For Lumber Core, Add                                           | 0.20                      |                         |
|                  |     |      | For 1/8" Thick Paneling, Deduct                                | -0.61                     |                         |
|                  |     |      | For 1/2" Thick Paneling, Add                                   | 1.51                      |                         |
|                  |     |      | For 5/8" Thick Paneling, Add                                   | 1.89                      |                         |
|                  |     |      | For 3/4" Thick Paneling, Add                                   | 2.38                      |                         |
|                  |     |      | For Fire Retardant Treatment (Class I), Add                    | 1.44                      |                         |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Architectural Woodwork         |  |  | 06 40 |    |
| Wood Paneling                  |  |  | 06 42 |    |

| MINOR            |     | DESCRIPTION                                                         | TOTAL DIRECT | DEMOLITION |
|------------------|-----|---------------------------------------------------------------------|--------------|------------|
| CSI              | UOM |                                                                     | UNIT COST    | UNIT COST  |
| 06 42 16 00-0020 | SF  | 1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim .....    | 7.33         | 1.97       |
|                  |     | For Flitch Matched Veneer, Add                                      | 1.21         |            |
|                  |     | For Second Grade Veneer, Deduct                                     | -0.24        |            |
|                  |     | For Third Grade Veneer, Deduct                                      | -0.36        |            |
|                  |     | For Waterproof Glue, Add                                            | 0.17         |            |
|                  |     | For Ceiling Installation, Add                                       | 1.48         |            |
|                  |     | For Installation On Metal Studs Or Furring, Add                     | 0.54         |            |
|                  |     | For Glue Laminated Installation, Add                                | 0.37         |            |
|                  |     | For Lumber Core, Add                                                | 0.27         |            |
|                  |     | For 1/8" Thick Paneling, Deduct                                     | -0.75        |            |
|                  |     | For 1/2" Thick Paneling, Add                                        | 1.89         |            |
|                  |     | For 5/8" Thick Paneling, Add                                        | 2.40         |            |
|                  |     | For 3/4" Thick Paneling, Add                                        | 3.05         |            |
|                  |     | For Fire Retardant Treatment (Class I), Add                         | 1.90         |            |
| 06 42 16 00-0021 | SF  | 1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim ..... | 11.97        | 1.97       |
|                  |     | For Flitch Matched Veneer, Add                                      | 2.91         |            |
|                  |     | For Second Grade Veneer, Deduct                                     | -0.58        |            |
|                  |     | For Third Grade Veneer, Deduct                                      | -0.87        |            |
|                  |     | For Waterproof Glue, Add                                            | 0.41         |            |
|                  |     | For Ceiling Installation, Add                                       | 1.85         |            |
|                  |     | For Installation On Metal Studs Or Furring, Add                     | 0.68         |            |
|                  |     | For Glue Laminated Installation, Add                                | 0.60         |            |
|                  |     | For Lumber Core, Add                                                | 0.64         |            |
|                  |     | For 1/8" Thick Paneling, Deduct                                     | -1.40        |            |
|                  |     | For 1/2" Thick Paneling, Add                                        | 3.88         |            |
|                  |     | For 5/8" Thick Paneling, Add                                        | 5.10         |            |
|                  |     | For 3/4" Thick Paneling, Add                                        | 6.67         |            |
|                  |     | For Fire Retardant Treatment (Class I), Add                         | 4.60         |            |
| 06 42 16 00-0022 | SF  | 1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim .....     | 9.02         | 1.97       |
|                  |     | For Flitch Matched Veneer, Add                                      | 2.05         |            |
|                  |     | For Second Grade Veneer, Deduct                                     | -0.41        |            |
|                  |     | For Third Grade Veneer, Deduct                                      | -0.62        |            |
|                  |     | For Waterproof Glue, Add                                            | 0.29         |            |
|                  |     | For Ceiling Installation, Add                                       | 1.48         |            |
|                  |     | For Installation On Metal Studs Or Furring, Add                     | 0.54         |            |
|                  |     | For Glue Laminated Installation, Add                                | 0.45         |            |
|                  |     | For Lumber Core, Add                                                | 0.45         |            |
|                  |     | For 1/8" Thick Paneling, Deduct                                     | -1.03        |            |
|                  |     | For 1/2" Thick Paneling, Add                                        | 2.80         |            |
|                  |     | For 5/8" Thick Paneling, Add                                        | 3.67         |            |
|                  |     | For 3/4" Thick Paneling, Add                                        | 4.77         |            |
|                  |     | For Fire Retardant Treatment (Class I), Add                         | 3.24         |            |
| 06 42 16 00-0023 | SF  | 1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim .....   | 7.86         | 1.97       |
|                  |     | For Flitch Matched Veneer, Add                                      | 1.75         |            |
|                  |     | For Second Grade Veneer, Deduct                                     | -0.35        |            |
|                  |     | For Third Grade Veneer, Deduct                                      | -0.52        |            |
|                  |     | For Waterproof Glue, Add                                            | 0.24         |            |
|                  |     | For Ceiling Installation, Add                                       | 1.31         |            |
|                  |     | For Installation On Metal Studs Or Furring, Add                     | 0.48         |            |
|                  |     | For Glue Laminated Installation, Add                                | 0.39         |            |
|                  |     | For Lumber Core, Add                                                | 0.38         |            |
|                  |     | For 1/8" Thick Paneling, Deduct                                     | -0.89        |            |
|                  |     | For 1/2" Thick Paneling, Add                                        | 2.41         |            |
|                  |     | For 5/8" Thick Paneling, Add                                        | 3.14         |            |
|                  |     | For 3/4" Thick Paneling, Add                                        | 4.08         |            |
|                  |     | For Fire Retardant Treatment (Class I), Add                         | 2.76         |            |
| 06 42 16 00-0024 | SF  | 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim .....    | 6.23         | 1.97       |
|                  |     | For Flitch Matched Veneer, Add                                      | 0.93         |            |
|                  |     | For Second Grade Veneer, Deduct                                     | -0.19        |            |
|                  |     | For Third Grade Veneer, Deduct                                      | -0.28        |            |
|                  |     | For Waterproof Glue, Add                                            | 0.13         |            |
|                  |     | For Ceiling Installation, Add                                       | 1.31         |            |
|                  |     | For Installation On Metal Studs Or Furring, Add                     | 0.48         |            |
|                  |     | For Glue Laminated Installation, Add                                | 0.31         |            |
|                  |     | For Lumber Core, Add                                                | 0.20         |            |
|                  |     | For 1/8" Thick Paneling, Deduct                                     | -0.62        |            |
|                  |     | For 1/2" Thick Paneling, Add                                        | 1.53         |            |
|                  |     | For 5/8" Thick Paneling, Add                                        | 1.92         |            |
|                  |     | For 3/4" Thick Paneling, Add                                        | 2.42         |            |
|                  |     | For Fire Retardant Treatment (Class I), Add                         | 1.47         |            |
| 06 42 16 00-0025 |     | Accessories (06 42 16)                                              |              |            |
| 06 42 16 00-0026 | EA  | Aluminum Panel Retainer "J" With Bolt .....                         | 39.68        |            |
| 06 42 19         |     | Plastic-Laminate-Faced Wood Paneling (06 42)                        |              |            |
| 06 42 19 00-0001 |     | Plastic Laminate (06 42 19)                                         |              |            |
|                  |     | Note: Standard colors and patterns.                                 |              |            |
| 06 42 19 00-0002 | SF  | 1/16" Plastic Laminate Faced Panel .....                            | 10.86        | 3.80       |
|                  |     | Note: Includes cutting to fit.                                      |              |            |

## 06 43 Wood Stairs and Railings (06 40)

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 43 Wood Stairs and Railings**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**06 43 13 Wood Stairs** (06 43)**06 43 13 00-0001 Stair Parts** (06 43 13)

|                  |    |                                                                      |        |        |
|------------------|----|----------------------------------------------------------------------|--------|--------|
| 06 43 13 00-0002 | EA | 30" Baluster, Pine .....                                             | 57.74  | 22.02  |
| 06 43 13 00-0003 | EA | 30" Baluster, Birch .....                                            | 69.01  | 22.02  |
| 06 43 13 00-0004 | EA | 42" Baluster, Pine .....                                             | 65.59  | 22.77  |
| 06 43 13 00-0005 | EA | 42" Baluster, Birch .....                                            | 77.61  | 22.77  |
| 06 43 13 00-0006 | EA | 3-1/4" Wide Newels, Starting .....                                   | 349.01 | 86.55  |
| 06 43 13 00-0007 | EA | 3-1/4" Wide Newels, Landing .....                                    | 511.58 | 121.47 |
| 06 43 13 00-0008 | LF | Oak Gooseneck, 1 Riser .....                                         | 205.67 | 75.92  |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 24.93  |        |
| 06 43 13 00-0009 | LF | Oak Gooseneck, 2 Riser .....                                         | 241.79 | 83.41  |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 27.40  |        |
| 06 43 13 00-0010 | LF | Oak Handrail, 2-1/2" x 3" With Quarter Turn .....                    | 42.46  | 11.39  |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 3.74   |        |
| 06 43 13 00-0011 | LF | 1-1/16" x 9-1/2" Oak Stair Tread .....                               | 56.29  | 6.40   |
|                  |    | <i>For Beech, Add</i>                                                | 13.07  |        |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 2.93   |        |
| 06 43 13 00-0012 | LF | 1-1/16" x 11-1/2" Oak Stair Tread .....                              | 68.69  | 6.40   |
|                  |    | <i>For Beech, Add</i>                                                | 16.79  |        |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 2.93   |        |
| 06 43 13 00-0013 | LF | 1-1/16" x 11-1/2" Pine Stair Tread .....                             | 30.29  | 6.40   |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 2.93   |        |
| 06 43 13 00-0014 | LF | 3/4" x 7-1/2" High Beech Riser .....                                 | 41.83  | 6.61   |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 3.05   |        |
| 06 43 13 00-0015 | LF | 3/4" x 7-1/2" High Oak Riser .....                                   | 39.20  | 6.61   |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 3.05   |        |
| 06 43 13 00-0016 | LF | 3/4" x 7-1/2" High Fir Riser .....                                   | 22.30  | 6.61   |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 3.05   |        |
| 06 43 13 00-0017 | LF | 3/4" x 7-1/2" High Pine Riser .....                                  | 21.47  | 6.61   |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 3.05   |        |
| 06 43 13 00-0018 | SF | Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing ..... | 45.86  |        |

**06 43 13 00-0019 Interior Box Stairs** (06 43 13)

Note: Factory cut and assembled straight closed box stairs, unfinished.

|                  |    |                                                                        |        |       |
|------------------|----|------------------------------------------------------------------------|--------|-------|
| 06 43 13 00-0020 | EA | 30" Wide Pine Box Stair, Per Riser .....                               | 307.75 | 66.05 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 21.70  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 72.30  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 23.79  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 96.03  |       |
| 06 43 13 00-0021 | EA | 32" Wide Pine Box Stair, Per Riser .....                               | 326.71 | 67.57 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 22.19  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 72.95  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.06  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 103.60 |       |
| 06 43 13 00-0022 | EA | 34" Wide Pine Box Stair, Per Riser .....                               | 344.63 | 68.33 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 22.45  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 73.28  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.20  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 111.16 |       |
| 06 43 13 00-0023 | EA | 36" Wide Pine Box Stair, Per Riser .....                               | 365.40 | 69.09 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 22.69  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 73.60  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.33  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 120.03 |       |
| 06 43 13 00-0024 | EA | 38" Wide Pine Box Stair, Per Riser .....                               | 377.62 | 69.85 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 22.94  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 73.93  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.47  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 125.04 |       |
| 06 43 13 00-0025 | EA | 40" Wide Pine Box Stair, Per Riser .....                               | 390.94 | 71.37 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 23.44  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 74.58  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.74  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 130.05 |       |
| 06 43 13 00-0026 | EA | 42" Wide Pine Box Stair, Per Riser .....                               | 403.17 | 72.12 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 23.69  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 74.91  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 24.88  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 135.07 |       |
| 06 43 13 00-0027 | EA | 44" Wide Pine Box Stair, Per Riser .....                               | 415.41 | 72.89 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 23.95  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 75.24  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 25.02  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 140.08 |       |
| 06 43 13 00-0028 | EA | 46" Wide Pine Box Stair, Per Riser .....                               | 427.60 | 73.64 |
|                  |    | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>            | 24.19  |       |
|                  |    | <i>For Prefinished Stair Rail With Balusters And Newel, Add</i>        | 75.55  |       |
|                  |    | <i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i> | 25.15  |       |
|                  |    | <i>For Oak Or Maple Treads, Add</i>                                    | 145.09 |       |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                       | TOTAL DIRECT<br>UNIT COST                   | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|
| 06 43 13 00-0029 EA 48" Wide Pine Box Stair, Per Riser.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add<br>For Prefinished Stair Rail With Balusters And Newel, Add<br>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add<br>For Oak Or Maple Treads, Add | 441.90<br>24.94<br>76.54<br>25.56<br>150.05 | 75.92                   |
| <b>06 43 16 Wood Railings (06 43)</b>                                                                                                                                                                                                                                              |                                             |                         |
| 06 43 16 00-0001 Handrails (06 43 16)                                                                                                                                                                                                                                              |                                             |                         |
| 06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)<br>Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.                                                                                                   |                                             |                         |
| 06 43 16 00-0003 LF 1-1/2" x 1-11/16", Wood Handrail With Brackets.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                                                                                                    | 18.43<br>2.49                               | 5.43                    |
| 06 43 16 00-0004 LF 1-7/8" x 2-5/8", Wood Handrail With Brackets.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add                                                                                                                                                      | 9.96<br>2.49                                | 5.43                    |
| 06 43 16 00-0005 LF 1-1/2" Diameter, Wood Handrail With Brackets.....                                                                                                                                                                                                              | 25.07                                       | 5.43                    |
| 06 43 16 00-0006 LF 1-3/4" Diameter, Wood Handrail With Brackets.....                                                                                                                                                                                                              | 26.35                                       | 5.43                    |
| 06 43 16 00-0007 LF 2" Diameter, Wood Handrail With Brackets.....                                                                                                                                                                                                                  | 30.94                                       | 5.43                    |
| 06 43 16 00-0008 LF 2-1/2" Diameter, Wood Handrail With Brackets.....                                                                                                                                                                                                              | 45.12                                       | 5.43                    |
| <b>06 44 Ornamental Woodwork (06 44)</b>                                                                                                                                                                                                                                           |                                             |                         |
| <b>06 44 39 Wood Posts and Columns (06 44)</b>                                                                                                                                                                                                                                     |                                             |                         |
| 06 44 39 00-0001 Columns (06 44 39)                                                                                                                                                                                                                                                |                                             |                         |
| 06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)<br>Note: Paint grade/finger jointed pine.                                                                                                                                               |                                             |                         |
| 06 44 39 00-0003 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                          | 78.38                                       | 6.84                    |
| 06 44 39 00-0004 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                          | 97.72                                       | 10.00                   |
| 06 44 39 00-0005 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 120.15                                      | 11.57                   |
| 06 44 39 00-0006 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 144.30                                      | 12.09                   |
| 06 44 39 00-0007 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 325.80                                      | 13.68                   |
| 06 44 39 00-0008 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 378.82                                      | 14.73                   |
| 06 44 39 00-0009 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 456.55                                      | 15.78                   |
| 06 44 39 00-0010 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 545.65                                      | 16.83                   |
| 06 44 39 00-0011 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 90.53                                       | 6.84                    |
| 06 44 39 00-0012 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 107.47                                      | 10.00                   |
| 06 44 39 00-0013 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 133.61                                      | 11.57                   |
| 06 44 39 00-0014 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 158.68                                      | 12.09                   |
| 06 44 39 00-0015 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 355.03                                      | 13.68                   |
| 06 44 39 00-0016 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 483.67                                      | 14.73                   |
| 06 44 39 00-0017 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 521.51                                      | 15.78                   |
| 06 44 39 00-0018 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 587.41                                      | 16.83                   |
| 06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base (06 44 39 00-0001)<br>Note: Paint grade/finger jointed pine.                                                                                                                                           |                                             |                         |
| 06 44 39 00-0020 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....                                                                                                                                                                          | 94.71                                       | 6.84                    |
| 06 44 39 00-0021 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                      | 116.28                                      | 10.00                   |
| 06 44 39 00-0022 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 144.28                                      | 11.57                   |
| 06 44 39 00-0023 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 174.46                                      | 12.09                   |
| 06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 401.47                                      | 13.68                   |
| 06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 467.44                                      | 14.73                   |
| 06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 564.33                                      | 15.78                   |
| 06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 675.47                                      | 16.83                   |
| 06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 109.93                                      | 6.84                    |
| 06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                     | 129.60                                      | 10.00                   |
| 06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 161.72                                      | 11.57                   |
| 06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 192.93                                      | 12.09                   |
| 06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 438.08                                      | 13.68                   |
| 06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 598.88                                      | 14.73                   |
| 06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 645.76                                      | 15.78                   |
| 06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....                                                                                                                                                                    | 727.85                                      | 16.83                   |
| 06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)<br>Note: Paint grade/finger jointed pine.                                                                                                                                              |                                             |                         |
| 06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 84.16                                       | 6.84                    |
| 06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                         | 104.67                                      | 10.00                   |
| 06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 128.89                                      | 11.57                   |
| 06 44 39 00-0040 LF 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 155.12                                      | 12.09                   |
| 06 44 39 00-0041 LF 6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 97.40                                       | 6.84                    |
| 06 44 39 00-0042 LF 8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                        | 115.29                                      | 10.00                   |
| 06 44 39 00-0043 LF 10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                       | 143.56                                      | 11.57                   |
| 06 44 39 00-0044 LF 12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....                                                                                                                                                                       | 170.80                                      | 12.09                   |
| 06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)<br>Note: Paint grade/finger jointed redwood.                                                                                                                                         |                                             |                         |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                            |        |       |
|------------------|----|--------------------------------------------------------------------------------------------|--------|-------|
| 06 44 39 00-0046 | LF | 6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....   | 132.76 | 6.84  |
| 06 44 39 00-0047 | LF | 8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....   | 158.97 | 10.00 |
| 06 44 39 00-0048 | LF | 10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....  | 198.56 | 11.57 |
| 06 44 39 00-0049 | LF | 12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....  | 243.59 | 12.09 |
| 06 44 39 00-0050 | LF | 6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....  | 153.17 | 6.84  |
| 06 44 39 00-0051 | LF | 8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....  | 180.77 | 10.00 |
| 06 44 39 00-0052 | LF | 10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base..... | 224.08 | 11.57 |
| 06 44 39 00-0053 | LF | 12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base..... | 277.00 | 12.09 |

**06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)**

Note: For tapered wood columns.

|                  |    |                                              |          |       |
|------------------|----|----------------------------------------------|----------|-------|
| 06 44 39 00-0055 | EA | 6" Resin Corinthian Capital And Base .....   | 418.13   | 14.20 |
| 06 44 39 00-0056 | EA | 8" Resin Corinthian Capital And Base .....   | 634.72   | 15.78 |
| 06 44 39 00-0057 | EA | 10" Resin Corinthian Capital And Base .....  | 885.88   | 18.41 |
| 06 44 39 00-0058 | EA | 12" Resin Corinthian Capital And Base .....  | 1,132.41 | 21.04 |
| 06 44 39 00-0059 | EA | 6" Resin Greek Erectheum Cap And Base .....  | 371.74   | 14.20 |
| 06 44 39 00-0060 | EA | 8" Resin Greek Erectheum Cap And Base .....  | 518.73   | 15.78 |
| 06 44 39 00-0061 | EA | 10" Resin Greek Erectheum Cap And Base ..... | 644.62   | 18.41 |
| 06 44 39 00-0062 | EA | 12" Resin Greek Erectheum Cap And Base ..... | 844.74   | 21.04 |
| 06 44 39 00-0063 | EA | 6" Resin Roman Ionic Capital And Base.....   | 391.35   | 14.73 |
| 06 44 39 00-0064 | EA | 8" Resin Roman Ionic Capital And Base.....   | 518.73   | 15.78 |
| 06 44 39 00-0065 | EA | 10" Resin Roman Ionic Capital And Base.....  | 644.62   | 18.41 |
| 06 44 39 00-0066 | EA | 12" Resin Roman Ionic Capital And Base.....  | 821.55   | 21.04 |
| 06 44 39 00-0067 | EA | 6" Resin Scamozzi Capital And Base .....     | 395.98   | 14.73 |
| 06 44 39 00-0068 | EA | 8" Resin Scamozzi Capital And Base .....     | 565.12   | 15.78 |
| 06 44 39 00-0069 | EA | 10" Resin Scamozzi Capital And Base .....    | 667.82   | 18.41 |
| 06 44 39 00-0070 | EA | 12" Resin Scamozzi Capital And Base .....    | 918.98   | 21.04 |
| 06 44 39 00-0071 | EA | 6" Resin Temple Of Winds Cap And Base.....   | 395.98   | 14.73 |
| 06 44 39 00-0072 | EA | 8" Resin Temple Of Winds Cap And Base.....   | 616.16   | 15.78 |
| 06 44 39 00-0073 | EA | 10" Resin Temple Of Winds Cap And Base.....  | 816.29   | 18.41 |
| 06 44 39 00-0074 | EA | 12" Resin Temple Of Winds Cap And Base.....  | 1,011.77 | 21.04 |

**06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)**

Note: For tapered wood columns.

|                  |    |                                                |          |       |
|------------------|----|------------------------------------------------|----------|-------|
| 06 44 39 00-0076 | EA | 6" Plaster Corinthian Capital And Base .....   | 849.62   | 14.20 |
| 06 44 39 00-0077 | EA | 8" Plaster Corinthian Capital And Base .....   | 954.86   | 15.78 |
| 06 44 39 00-0078 | EA | 10" Plaster Corinthian Capital And Base .....  | 1,215.30 | 18.41 |
| 06 44 39 00-0079 | EA | 12" Plaster Corinthian Capital And Base .....  | 1,336.55 | 21.04 |
| 06 44 39 00-0080 | EA | 6" Plaster Greek Erectheum Cap And Base .....  | 561.96   | 14.20 |
| 06 44 39 00-0081 | EA | 8" Plaster Greek Erectheum Cap And Base .....  | 653.28   | 15.78 |
| 06 44 39 00-0082 | EA | 10" Plaster Greek Erectheum Cap And Base ..... | 807.01   | 18.41 |
| 06 44 39 00-0083 | EA | 12" Plaster Greek Erectheum Cap And Base ..... | 1,016.41 | 21.04 |
| 06 44 39 00-0084 | EA | 6" Plaster Roman Ionic Capital And Base.....   | 539.81   | 14.73 |
| 06 44 39 00-0085 | EA | 8" Plaster Roman Ionic Capital And Base.....   | 708.95   | 15.78 |
| 06 44 39 00-0086 | EA | 10" Plaster Roman Ionic Capital And Base.....  | 858.04   | 18.41 |
| 06 44 39 00-0087 | EA | 12" Plaster Roman Ionic Capital And Base.....  | 1,016.41 | 21.04 |
| 06 44 39 00-0088 | EA | 6" Plaster Scamozzi Capital And Base .....     | 641.89   | 14.73 |
| 06 44 39 00-0089 | EA | 8" Plaster Scamozzi Capital And Base .....     | 852.78   | 15.78 |
| 06 44 39 00-0090 | EA | 10" Plaster Scamozzi Capital And Base .....    | 960.12   | 18.41 |
| 06 44 39 00-0091 | EA | 12" Plaster Scamozzi Capital And Base .....    | 1,220.56 | 21.04 |
| 06 44 39 00-0092 | EA | 6" Plaster Temple Of Winds Cap And Base.....   | 539.81   | 14.73 |
| 06 44 39 00-0093 | EA | 8" Plaster Temple Of Winds Cap And Base.....   | 699.67   | 15.78 |
| 06 44 39 00-0094 | EA | 10" Plaster Temple Of Winds Cap And Base.....  | 913.72   | 18.41 |
| 06 44 39 00-0095 | EA | 12" Plaster Temple Of Winds Cap And Base.....  | 1,169.52 | 21.04 |
| 06 44 39 00-0096 | EA | 6" Plaster Empire Capital And Base .....       | 609.41   | 14.73 |
| 06 44 39 00-0097 | EA | 8" Plaster Empire Capital And Base .....       | 746.07   | 15.78 |
| 06 44 39 00-0098 | EA | 10" Plaster Empire Capital And Base .....      | 909.08   | 18.41 |
| 06 44 39 00-0099 | EA | 12" Plaster Empire Capital And Base .....      | 1,016.41 | 21.04 |

**06 46 Wood Trim (06 40)****06 46 13 Wood Door and Window Casings (06 46)****06 46 13 00-0001 Door and Window Casings (06 46 13)**

|                  |    |                                                            |      |      |
|------------------|----|------------------------------------------------------------|------|------|
| 06 46 13 00-0002 | LF | 1-1/8" Wide Plain Pine Door And Window Molding.....        | 5.28 | 1.73 |
|                  |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... | 0.89 |      |
| 06 46 13 00-0003 | LF | 1-1/8" Wide Detailed Pine Door And Window Molding.....     | 5.34 | 1.73 |
|                  |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... | 0.89 |      |
| 06 46 13 00-0004 | LF | 2-1/2" Wide Pine Complete Door And Window Trim.....        | 6.85 | 1.73 |
|                  |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... | 0.89 |      |

**06 46 19 Wood Base and Shoe Moldings (06 46)****06 46 19 00-0001 Base And Shoe Molding (06 46 19)**

|                  |    |                                                            |      |      |
|------------------|----|------------------------------------------------------------|------|------|
| 06 46 19 00-0002 | LF | 1/2" x 1/2" Pine Quarter Round Trim.....                   | 5.38 | 2.06 |
|                  |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... | 1.04 |      |
| 06 46 19 00-0003 | LF | 3/4" x 3/4" Pine Quarter Round Trim.....                   | 5.81 | 2.06 |
|                  |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add ..... | 1.04 |      |



| MINOR                                                 | CSI | UOM                                                                  | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------------------------------------------------------|-----|----------------------------------------------------------------------|-------------|------------------------|----------------------|
| 06 46 19 00-0004                                      | LF  | 3-1/2" High White Pine Base Molding, All Dimensions Are Nominal..... | 7.10        | 1.30                   |                      |
|                                                       |     | For Clear Birch, Add                                                 | 0.88        |                        |                      |
|                                                       |     | For Clear Mahogany, Oak, Maple Or Walnut, Add                        | 1.68        |                        |                      |
|                                                       |     | For Stain Grade Material (No Finger Joints), Add                     | 0.50        |                        |                      |
|                                                       |     | For Clear Poplar, Add                                                | 0.55        |                        |                      |
| 06 46 19 00-0005                                      | LF  | 4-1/2" High White Pine Base Molding, All Dimensions Are Nominal..... | 8.61        | 1.63                   |                      |
|                                                       |     | For Clear Birch, Add                                                 | 1.02        |                        |                      |
|                                                       |     | For Clear Mahogany, Oak, Maple Or Walnut, Add                        | 1.97        |                        |                      |
|                                                       |     | For Stain Grade Material (No Finger Joints), Add                     | 0.57        |                        |                      |
|                                                       |     | For Clear Poplar, Add                                                | 0.64        |                        |                      |
| 06 46 19 00-0006                                      | LF  | 5-1/2" High White Pine Base Molding, All Dimensions Are Nominal..... | 10.89       | 1.84                   |                      |
|                                                       |     | For Clear Birch, Add                                                 | 1.57        |                        |                      |
|                                                       |     | For Clear Mahogany, Oak, Maple Or Walnut, Add                        | 2.81        |                        |                      |
|                                                       |     | For Stain Grade Material (No Finger Joints), Add                     | 0.89        |                        |                      |
|                                                       |     | For Clear Poplar, Add                                                | 0.98        |                        |                      |
| 06 46 19 00-0007                                      | LF  | 3/4" x 1" Oak Base Shoe .....                                        | 6.93        | 2.06                   |                      |
| 06 46 19 00-0008                                      | LF  | 3/4" x 1" White Pine Base Shoe, Stain Grade.....                     | 6.68        | 2.06                   |                      |
| 06 46 19 00-0009                                      | LF  | 3/4" x 1" White Pine Base Shoe, Paint Grade.....                     | 6.13        | 2.06                   |                      |
| 06 46 23 Wood Chair Rails (06 46)                     |     |                                                                      |             |                        |                      |
| 06 46 23 00-0001 Chair Rails (06 46 23)               |     |                                                                      |             |                        |                      |
| 06 46 23 00-0002                                      | LF  | 5/8" x 2-1/2" White Pine Shaped Chair Rail.....                      | 8.87        | 1.95                   |                      |
|                                                       |     | For Birch, Add                                                       | 1.45        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple Or Walnut, Add                              | 2.47        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 0.91        |                        |                      |
| 06 46 23 00-0003                                      | LF  | 5/8" x 3-1/2" White Pine Shaped Chair Rail.....                      | 11.16       | 1.95                   |                      |
|                                                       |     | For Birch, Add                                                       | 2.18        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple Or Walnut, Add                              | 3.50        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 1.36        |                        |                      |
| 06 46 23 00-0004                                      | LF  | 1/2" x 1-5/8" White Pine Shaped Chair Rail.....                      | 6.56        | 1.95                   |                      |
|                                                       |     | For Birch, Add                                                       | 1.06        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple Or Walnut, Add                              | 1.81        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 0.66        |                        |                      |
| 06 46 26 Wood Cornices (06 46)                        |     |                                                                      |             |                        |                      |
| 06 46 26 00-0001 Wood Cornices (06 46 26)             |     |                                                                      |             |                        |                      |
| 06 46 26 00-0002                                      | LF  | 1" x 2" White Pine Cornices, All Dimensions Are Nominal.....         | 6.40        | 1.95                   |                      |
|                                                       |     | For Birch, Add                                                       | 0.74        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 1.36        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 0.93        |                        |                      |
| 06 46 26 00-0003                                      | LF  | 1" x 4" White Pine Cornices, All Dimensions Are Nominal.....         | 8.25        | 2.06                   |                      |
|                                                       |     | For Birch, Add                                                       | 1.34        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 2.13        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 1.68        |                        |                      |
| 06 46 26 00-0004                                      | LF  | 1" x 6" White Pine Cornices, All Dimensions Are Nominal.....         | 11.82       | 2.16                   |                      |
|                                                       |     | For Birch, Add                                                       | 2.56        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 3.67        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 3.20        |                        |                      |
| 06 46 26 00-0005                                      | LF  | 1" x 8" White Pine Cornices, All Dimensions Are Nominal.....         | 13.76       | 2.16                   |                      |
|                                                       |     | For Birch, Add                                                       | 3.18        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 4.47        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 3.97        |                        |                      |
| 06 46 26 00-0006                                      | LF  | 1" x 10" White Pine Cornices, All Dimensions Are Nominal.....        | 16.00       | 2.28                   |                      |
|                                                       |     | For Birch, Add                                                       | 3.90        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 5.39        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 4.88        |                        |                      |
| 06 46 26 00-0007                                      | LF  | 1" x 12" White Pine Cornices, All Dimensions Are Nominal.....        | 20.85       | 2.50                   |                      |
|                                                       |     | For Birch, Add                                                       | 5.55        |                        |                      |
|                                                       |     | For Mahogany, Oak, Maple, Or Walnut, Add                             | 7.48        |                        |                      |
|                                                       |     | For Poplar, Add                                                      | 6.94        |                        |                      |
| 06 46 29 Wood Fasciae and Soffits (06 46)             |     |                                                                      |             |                        |                      |
| 06 46 29 00-0001 Fascia Board (06 46 29)              |     |                                                                      |             |                        |                      |
| 06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001) |     |                                                                      |             |                        |                      |
| 06 46 29 00-0003                                      | LF  | 1" x 6" Pine Fascia Board .....                                      | 5.04        | 2.16                   |                      |
| 06 46 29 00-0004                                      | LF  | 1" x 8" Pine Fascia Board .....                                      | 5.76        | 2.41                   |                      |
| 06 46 29 00-0005                                      | LF  | 1" x 10" Pine Fascia Board .....                                     | 6.21        | 2.53                   |                      |
| 06 46 29 00-0006                                      | LF  | 1" x 12" Pine Fascia Board .....                                     | 7.29        | 2.83                   |                      |
| 06 46 29 00-0007                                      | LF  | 2" x 6" Pine Fascia Board .....                                      | 4.99        | 2.16                   |                      |
| 06 46 29 00-0008                                      | LF  | 2" x 8" Pine Fascia Board .....                                      | 5.68        | 2.41                   |                      |
| 06 46 29 00-0009                                      | LF  | 2" x 10" Pine Fascia Board .....                                     | 6.32        | 2.53                   |                      |
| 06 46 29 00-0010                                      | LF  | 2" x 12" Pine Fascia Board .....                                     | 7.61        | 2.83                   |                      |
| 06 46 29 00-0011                                      | LF  | 2" x 6" Trim, Exterior, Pine, Resawn Fascia .....                    | 6.90        | 2.16                   |                      |
| 06 46 29 00-0012                                      | LF  | 2" x 8" Trim, Exterior, Pine, Resawn Fascia .....                    | 8.19        | 2.41                   |                      |
| 06 46 29 00-0013                                      | LF  | 2" x 10" Trim, Exterior, Pine, Resawn Fascia .....                   | 9.34        | 2.53                   |                      |
| 06 46 29 00-0014                                      | LF  | 2" x 12" Trim, Exterior, Pine, Resawn Fascia .....                   | 12.13       | 2.83                   |                      |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                                                                                    |    |                                                                   |       |
|--------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------|-------|
| <b>06 46 29 00-0015 Cedar Fascia Board</b> (06 46 29 00-0001)                                                      |    |                                                                   |       |
| 06 46 29 00-0016                                                                                                   | LF | 1" x 6" Cedar Fascia Board.....                                   | 5.38  |
| 06 46 29 00-0017                                                                                                   | LF | 1" x 8" Cedar Fascia Board.....                                   | 6.28  |
| 06 46 29 00-0018                                                                                                   | LF | 1" x 10" Cedar Fascia Board.....                                  | 7.22  |
| 06 46 29 00-0019                                                                                                   | LF | 1" x 12" Cedar Fascia Board.....                                  | 8.71  |
| <b>06 46 29 00-0020 Engineered Wood Fascia Board</b> (06 46 29 00-0001)                                            |    |                                                                   |       |
| 06 46 29 00-0021                                                                                                   | LF | 1" x 6" Engineered Wood Fascia Board.....                         | 4.85  |
| 06 46 29 00-0022                                                                                                   | LF | 1" x 8" Engineered Wood Fascia Board.....                         | 5.50  |
| 06 46 29 00-0023                                                                                                   | LF | 1" x 12" Engineered Wood Fascia Board.....                        | 6.68  |
| <b>06 46 29 00-0024 Soffit</b> (06 46 29)                                                                          |    |                                                                   |       |
| <b>06 46 29 00-0025 Sanded Plywood Soffit</b> (06 46 29 00-0024)                                                   |    |                                                                   |       |
| 06 46 29 00-0026                                                                                                   | SF | 3/8" Thick, Sanded Plywood Soffit.....                            | 4.49  |
| 06 46 29 00-0027                                                                                                   | SF | 1/2" Thick, Sanded Plywood Soffit.....                            | 4.94  |
| 06 46 29 00-0028                                                                                                   | SF | 5/8" Thick, Sanded Plywood Soffit.....                            | 5.19  |
| 06 46 29 00-0029                                                                                                   | SF | 3/4" Thick, Sanded Plywood Soffit.....                            | 5.76  |
| <b>06 46 29 00-0030 MDO Plywood Soffit</b> (06 46 29 00-0024)                                                      |    |                                                                   |       |
| 06 46 29 00-0031                                                                                                   | SF | 3/8" Thick, MDO Plywood Soffit.....                               | 5.05  |
| 06 46 29 00-0032                                                                                                   | SF | 1/2" Thick, MDO Plywood Soffit.....                               | 5.65  |
| 06 46 29 00-0033                                                                                                   | SF | 3/4" Thick, MDO Plywood Soffit.....                               | 7.13  |
| <b>06 46 29 00-0034 Exterior Ceiling Gypsum Board Soffit</b> (06 46 29 00-0024)                                    |    |                                                                   |       |
| 06 46 29 00-0035                                                                                                   | SF | 1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....             | 3.63  |
| 06 46 29 00-0036                                                                                                   | SF | 5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit..... | 3.94  |
| <b>06 46 36 Custom Wood Molding</b> (06 46)                                                                        |    |                                                                   |       |
| Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7'-1/2"). All dimensions are nominal. |    |                                                                   |       |
| <b>06 46 36 00-0001 Ash</b> (06 46 36)                                                                             |    |                                                                   |       |
| 06 46 36 00-0002                                                                                                   | LF | 3/4" x 1-1/2" Custom Shaped Ash.....                              | 8.46  |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.88  |
| 06 46 36 00-0003                                                                                                   | LF | 3/4" x 2-1/2" Custom Shaped Ash.....                              | 10.90 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.91  |
| 06 46 36 00-0004                                                                                                   | LF | 3/4" x 3-1/2" Custom Shaped Ash.....                              | 13.35 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.94  |
| 06 46 36 00-0005                                                                                                   | LF | 3/4" x 4-1/2" Custom Shaped Ash.....                              | 15.79 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.96  |
| 06 46 36 00-0006                                                                                                   | LF | 3/4" x 5-1/2" Custom Shaped Ash.....                              | 18.35 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.02  |
| 06 46 36 00-0007                                                                                                   | LF | 3/4" x 6-1/2" Custom Shaped Ash.....                              | 20.91 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.07  |
| 06 46 36 00-0008                                                                                                   | LF | 3/4" x 7-1/2" Custom Shaped Ash.....                              | 23.34 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.10  |
| 06 46 36 00-0009                                                                                                   | LF | 3/4" x 8-1/2" Custom Shaped Ash.....                              | 25.81 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.13  |
| 06 46 36 00-0010                                                                                                   | LF | 3/4" x 9-1/2" Custom Shaped Ash.....                              | 28.19 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.15  |
| 06 46 36 00-0011                                                                                                   | LF | 3/4" x 10-1/2" Custom Shaped Ash.....                             | 30.78 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.21  |
| 06 46 36 00-0012                                                                                                   | LF | 3/4" x 11-1/2" Custom Shaped Ash.....                             | 33.27 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.25  |
| 06 46 36 00-0013                                                                                                   | LF | 1" x 1-1/2" Custom Shaped Ash.....                                | 10.17 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.90  |
| 06 46 36 00-0014                                                                                                   | LF | 1" x 2-1/2" Custom Shaped Ash.....                                | 13.38 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.93  |
| 06 46 36 00-0015                                                                                                   | LF | 1" x 3-1/2" Custom Shaped Ash.....                                | 16.60 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.96  |
| 06 46 36 00-0016                                                                                                   | LF | 1" x 4-1/2" Custom Shaped Ash.....                                | 19.82 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 0.99  |
| 06 46 36 00-0017                                                                                                   | LF | 1" x 5-1/2" Custom Shaped Ash.....                                | 23.21 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.04  |
| 06 46 36 00-0018                                                                                                   | LF | 1" x 6-1/2" Custom Shaped Ash.....                                | 26.54 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.10  |
| 06 46 36 00-0019                                                                                                   | LF | 1" x 7-1/2" Custom Shaped Ash.....                                | 29.75 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.12  |
| 06 46 36 00-0020                                                                                                   | LF | 1" x 8-1/2" Custom Shaped Ash.....                                | 32.98 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.16  |
| 06 46 36 00-0021                                                                                                   | LF | 1" x 9-1/2" Custom Shaped Ash.....                                | 36.20 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.17  |
| 06 46 36 00-0022                                                                                                   | LF | 1" x 10-1/2" Custom Shaped Ash.....                               | 39.56 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.24  |
| 06 46 36 00-0023                                                                                                   | LF | 1" x 11-1/2" Custom Shaped Ash.....                               | 42.82 |
|                                                                                                                    |    | For Curved Surfaces With A 2'-0" Maximum Radius, Add.....         | 1.27  |



| MINOR            | CSI | UOM                                                  | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------------------------------------------------------|-------------|------------------------|----------------------|
| 06 46 36 00-0024 | LF  | 1-1/4" x 1-1/2" Custom Shaped Ash                    | .....       | 12.33                  | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.93                   |                      |
| 06 46 36 00-0025 | LF  | 1-1/4" x 2-1/2" Custom Shaped Ash                    | .....       | 16.59                  | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.96                   |                      |
| 06 46 36 00-0026 | LF  | 1-1/4" x 3-1/2" Custom Shaped Ash                    | .....       | 20.85                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.98                   |                      |
| 06 46 36 00-0027 | LF  | 1-1/4" x 4-1/2" Custom Shaped Ash                    | .....       | 25.11                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.01                   |                      |
| 06 46 36 00-0028 | LF  | 1-1/4" x 5-1/2" Custom Shaped Ash                    | .....       | 29.51                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.07                   |                      |
| 06 46 36 00-0029 | LF  | 1-1/4" x 6-1/2" Custom Shaped Ash                    | .....       | 33.89                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.12                   |                      |
| 06 46 36 00-0030 | LF  | 1-1/4" x 7-1/2" Custom Shaped Ash                    | .....       | 38.14                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.15                   |                      |
| 06 46 36 00-0031 | LF  | 1-1/4" x 8-1/2" Custom Shaped Ash                    | .....       | 42.42                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.18                   |                      |
| 06 46 36 00-0032 | LF  | 1-1/4" x 9-1/2" Custom Shaped Ash                    | .....       | 46.64                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.20                   |                      |
| 06 46 36 00-0033 | LF  | 1-1/4" x 10-1/2" Custom Shaped Ash                   | .....       | 51.05                  | 1.63                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.26                   |                      |
| 06 46 36 00-0034 | LF  | 1-1/4" x 11-1/2" Custom Shaped Ash                   | .....       | 55.36                  | 1.73                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.30                   |                      |
| 06 46 36 00-0035 | LF  | 1-1/2" x 1-1/2" Custom Shaped Ash                    | .....       | 15.42                  | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.95                   |                      |
| 06 46 36 00-0036 | LF  | 1-1/2" x 2-1/2" Custom Shaped Ash                    | .....       | 21.17                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.98                   |                      |
| 06 46 36 00-0037 | LF  | 1-1/2" x 3-1/2" Custom Shaped Ash                    | .....       | 26.93                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.01                   |                      |
| 06 46 36 00-0038 | LF  | 1-1/2" x 4-1/2" Custom Shaped Ash                    | .....       | 32.68                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.04                   |                      |
| 06 46 36 00-0039 | LF  | 1-1/2" x 5-1/2" Custom Shaped Ash                    | .....       | 38.45                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.07                   |                      |
| 06 46 36 00-0040 | LF  | 1-1/2" x 6-1/2" Custom Shaped Ash                    | .....       | 44.44                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.15                   |                      |
| 06 46 36 00-0041 | LF  | 1-1/2" x 7-1/2" Custom Shaped Ash                    | .....       | 50.28                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.17                   |                      |
| 06 46 36 00-0042 | LF  | 1-1/2" x 8-1/2" Custom Shaped Ash                    | .....       | 55.97                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.21                   |                      |
| 06 46 36 00-0043 | LF  | 1-1/2" x 9-1/2" Custom Shaped Ash                    | .....       | 61.66                  | 1.63                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.22                   |                      |
| 06 46 36 00-0044 | LF  | 1-1/2" x 10-1/2" Custom Shaped Ash                   | .....       | 68.12                  | 1.63                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.29                   |                      |
| 06 46 36 00-0045 | LF  | 1-1/2" x 11-1/2" Custom Shaped Ash                   | .....       | 73.37                  | 1.73                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.32                   |                      |
| 06 46 36 00-0046 |     | Basswood (06 46 36)                                  |             |                        |                      |
| 06 46 36 00-0047 | LF  | 3/4" x 1-1/2" Custom Shaped Basswood                 | .....       | 6.91                   | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.88                   |                      |
| 06 46 36 00-0048 | LF  | 3/4" x 2-1/2" Custom Shaped Basswood                 | .....       | 8.58                   | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.91                   |                      |
| 06 46 36 00-0049 | LF  | 3/4" x 3-1/2" Custom Shaped Basswood                 | .....       | 10.26                  | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.94                   |                      |
| 06 46 36 00-0050 | LF  | 3/4" x 4-1/2" Custom Shaped Basswood                 | .....       | 11.92                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.96                   |                      |
| 06 46 36 00-0051 | LF  | 3/4" x 5-1/2" Custom Shaped Basswood                 | .....       | 13.71                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.02                   |                      |
| 06 46 36 00-0052 | LF  | 3/4" x 6-1/2" Custom Shaped Basswood                 | .....       | 15.50                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.07                   |                      |
| 06 46 36 00-0053 | LF  | 3/4" x 7-1/2" Custom Shaped Basswood                 | .....       | 17.15                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.10                   |                      |
| 06 46 36 00-0054 | LF  | 3/4" x 8-1/2" Custom Shaped Basswood                 | .....       | 18.85                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.13                   |                      |
| 06 46 36 00-0055 | LF  | 3/4" x 9-1/2" Custom Shaped Basswood                 | .....       | 20.46                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.15                   |                      |
| 06 46 36 00-0056 | LF  | 3/4" x 10-1/2" Custom Shaped Basswood                | .....       | 22.27                  | 1.63                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.21                   |                      |
| 06 46 36 00-0057 | LF  | 3/4" x 11-1/2" Custom Shaped Basswood                | .....       | 23.99                  | 1.63                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.25                   |                      |
| 06 46 36 00-0058 | LF  | 1" x 1-1/2" Custom Shaped Basswood                   | .....       | 7.96                   | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.90                   |                      |
| 06 46 36 00-0059 | LF  | 1" x 2-1/2" Custom Shaped Basswood                   | .....       | 10.07                  | 1.20                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.93                   |                      |
| 06 46 36 00-0060 | LF  | 1" x 3-1/2" Custom Shaped Basswood                   | .....       | 12.18                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.96                   |                      |
| 06 46 36 00-0061 | LF  | 1" x 4-1/2" Custom Shaped Basswood                   | .....       | 14.30                  | 1.30                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 0.99                   |                      |
| 06 46 36 00-0062 | LF  | 1" x 5-1/2" Custom Shaped Basswood                   | .....       | 16.58                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.04                   |                      |
| 06 46 36 00-0063 | LF  | 1" x 6-1/2" Custom Shaped Basswood                   | .....       | 18.81                  | 1.41                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.10                   |                      |
| 06 46 36 00-0064 | LF  | 1" x 7-1/2" Custom Shaped Basswood                   | .....       | 20.91                  | 1.52                 |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add | .....       | 1.12                   |                      |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

| MINOR            | CSI | UOM | DESCRIPTION                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0065 | LF  |     | 1" x 8-1/2" Custom Shaped Basswood.....                     | 23.04                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.16                      |                         |
| 06 46 36 00-0066 | LF  |     | 1" x 9-1/2" Custom Shaped Basswood.....                     | 25.15                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.17                      |                         |
| 06 46 36 00-0067 | LF  |     | 1" x 10-1/2" Custom Shaped Basswood.....                    | 27.41                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.24                      |                         |
| 06 46 36 00-0068 | LF  |     | 1" x 11-1/2" Custom Shaped Basswood.....                    | 29.57                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.27                      |                         |
| 06 46 36 00-0069 | LF  |     | 1-1/2" x 1-1/2" Custom Shaped Basswood.....                 | 11.11                     | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.93                      |                         |
| 06 46 36 00-0070 | LF  |     | 1-1/2" x 2-1/2" Custom Shaped Basswood.....                 | 14.76                     | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.96                      |                         |
| 06 46 36 00-0071 | LF  |     | 1-1/2" x 3-1/2" Custom Shaped Basswood.....                 | 18.42                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.98                      |                         |
| 06 46 36 00-0072 | LF  |     | 1-1/2" x 4-1/2" Custom Shaped Basswood.....                 | 22.08                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.01                      |                         |
| 06 46 36 00-0073 | LF  |     | 1-1/2" x 5-1/2" Custom Shaped Basswood.....                 | 25.86                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.07                      |                         |
| 06 46 36 00-0074 | LF  |     | 1-1/2" x 6-1/2" Custom Shaped Basswood.....                 | 29.63                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.12                      |                         |
| 06 46 36 00-0075 | LF  |     | 1-1/2" x 7-1/2" Custom Shaped Basswood.....                 | 33.28                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.15                      |                         |
| 06 46 36 00-0076 | LF  |     | 1-1/2" x 8-1/2" Custom Shaped Basswood.....                 | 36.96                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.18                      |                         |
| 06 46 36 00-0077 | LF  |     | 1-1/2" x 9-1/2" Custom Shaped Basswood.....                 | 40.56                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.20                      |                         |
| 06 46 36 00-0078 | LF  |     | 1-1/2" x 10-1/2" Custom Shaped Basswood.....                | 44.36                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.26                      |                         |
| 06 46 36 00-0079 | LF  |     | 1-1/2" x 11-1/2" Custom Shaped Basswood.....                | 48.07                     | 1.73                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.30                      |                         |
| 06 46 36 00-0080 | LF  |     | 3-1/2" x 3-1/2" Custom Shaped Basswood.....                 | 45.32                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.07                      |                         |
| 06 46 36 00-0081 | LF  |     | 3-1/2" x 4-1/2" Custom Shaped Basswood.....                 | 55.69                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.12                      |                         |
| 06 46 36 00-0082 | LF  |     | 3-1/2" x 5-1/2" Custom Shaped Basswood.....                 | 65.97                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.15                      |                         |
| 06 46 36 00-0083 | LF  |     | 3-1/2" x 6-1/2" Custom Shaped Basswood.....                 | 76.46                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.22                      |                         |
| 06 46 36 00-0084 | LF  |     | 3-1/2" x 7-1/2" Custom Shaped Basswood.....                 | 86.73                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.25                      |                         |
| 06 46 36 00-0085 | LF  |     | 3-1/2" x 8-1/2" Custom Shaped Basswood.....                 | 97.22                     | 1.73                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.30                      |                         |
| 06 46 36 00-0086 | LF  |     | 3-1/2" x 9-1/2" Custom Shaped Basswood.....                 | 107.37                    | 1.73                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.32                      |                         |
| 06 46 36 00-0087 | LF  |     | 3-1/2" x 10-1/2" Custom Shaped Basswood.....                | 117.65                    | 1.73                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.35                      |                         |
| 06 46 36 00-0088 | LF  |     | 3-1/2" x 11-1/2" Custom Shaped Basswood.....                | 128.15                    | 1.84                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.42                      |                         |
| 06 46 36 00-0089 |     |     | <b>Birch</b> (06 46 36)                                     |                           |                         |
| 06 46 36 00-0090 | LF  |     | 3/4" x 1-1/2" Custom Shaped Birch.....                      | 7.47                      | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.88                      |                         |
| 06 46 36 00-0091 | LF  |     | 3/4" x 2-1/2" Custom Shaped Birch.....                      | 9.41                      | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.91                      |                         |
| 06 46 36 00-0092 | LF  |     | 3/4" x 3-1/2" Custom Shaped Birch.....                      | 11.36                     | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.94                      |                         |
| 06 46 36 00-0093 | LF  |     | 3/4" x 4-1/2" Custom Shaped Birch.....                      | 13.30                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.96                      |                         |
| 06 46 36 00-0094 | LF  |     | 3/4" x 5-1/2" Custom Shaped Birch.....                      | 15.37                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.02                      |                         |
| 06 46 36 00-0095 | LF  |     | 3/4" x 6-1/2" Custom Shaped Birch.....                      | 17.43                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.07                      |                         |
| 06 46 36 00-0096 | LF  |     | 3/4" x 7-1/2" Custom Shaped Birch.....                      | 19.36                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.10                      |                         |
| 06 46 36 00-0097 | LF  |     | 3/4" x 8-1/2" Custom Shaped Birch.....                      | 21.33                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.13                      |                         |
| 06 46 36 00-0098 | LF  |     | 3/4" x 9-1/2" Custom Shaped Birch.....                      | 23.22                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.15                      |                         |
| 06 46 36 00-0099 | LF  |     | 3/4" x 10-1/2" Custom Shaped Birch.....                     | 25.31                     | 1.52                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.21                      |                         |
| 06 46 36 00-0100 | LF  |     | 3/4" x 11-1/2" Custom Shaped Birch.....                     | 27.30                     | 1.63                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.25                      |                         |
| 06 46 36 00-0101 | LF  |     | 1" x 1-1/2" Custom Shaped Birch.....                        | 8.79                      | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.90                      |                         |
| 06 46 36 00-0102 | LF  |     | 1" x 2-1/2" Custom Shaped Birch.....                        | 11.29                     | 1.20                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.93                      |                         |
| 06 46 36 00-0103 | LF  |     | 1" x 3-1/2" Custom Shaped Birch.....                        | 13.84                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.96                      |                         |
| 06 46 36 00-0104 | LF  |     | 1" x 4-1/2" Custom Shaped Birch.....                        | 16.40                     | 1.30                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 0.99                      |                         |
| 06 46 36 00-0105 | LF  |     | 1" x 5-1/2" Custom Shaped Birch.....                        | 19.07                     | 1.41                    |
|                  |     |     | <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 1.04                      |                         |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0106 | LF  | 1" x 6-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add              | 21.68<br>1.10             | 1.41                    |
| 06 46 36 00-0107 | LF  | 1" x 7-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add              | 24.22<br>1.12             | 1.41                    |
| 06 46 36 00-0108 | LF  | 1" x 8-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add              | 26.79<br>1.16             | 1.52                    |
| 06 46 36 00-0109 | LF  | 1" x 9-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add              | 29.29<br>1.17             | 1.52                    |
| 06 46 36 00-0110 | LF  | 1" x 10-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 31.94<br>1.24             | 1.63                    |
| 06 46 36 00-0111 | LF  | 1" x 11-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 34.54<br>1.27             | 1.63                    |
| 06 46 36 00-0112 | LF  | 1-1/4" x 1-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 10.34<br>0.93             | 1.20                    |
| 06 46 36 00-0113 | LF  | 1-1/4" x 2-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 13.61<br>0.96             | 1.20                    |
| 06 46 36 00-0114 | LF  | 1-1/4" x 3-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 16.87<br>0.98             | 1.30                    |
| 06 46 36 00-0115 | LF  | 1-1/4" x 4-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 20.14<br>1.01             | 1.30                    |
| 06 46 36 00-0116 | LF  | 1-1/4" x 5-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 23.54<br>1.07             | 1.41                    |
| 06 46 36 00-0117 | LF  | 1-1/4" x 6-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 26.93<br>1.12             | 1.41                    |
| 06 46 36 00-0118 | LF  | 1-1/4" x 7-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 30.19<br>1.15             | 1.52                    |
| 06 46 36 00-0119 | LF  | 1-1/4" x 8-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 33.48<br>1.18             | 1.52                    |
| 06 46 36 00-0120 | LF  | 1-1/4" x 9-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 36.69<br>1.20             | 1.52                    |
| 06 46 36 00-0121 | LF  | 1-1/4" x 10-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add         | 40.11<br>1.26             | 1.63                    |
| 06 46 36 00-0122 | LF  | 1-1/4" x 11-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add         | 43.43<br>1.30             | 1.73                    |
| 06 46 36 00-0123 | LF  | 1-1/2" x 1-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 12.77<br>0.95             | 1.20                    |
| 06 46 36 00-0124 | LF  | 1-1/2" x 2-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 17.19<br>0.98             | 1.30                    |
| 06 46 36 00-0125 | LF  | 1-1/2" x 3-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 21.62<br>1.01             | 1.30                    |
| 06 46 36 00-0126 | LF  | 1-1/2" x 4-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 26.05<br>1.04             | 1.41                    |
| 06 46 36 00-0127 | LF  | 1-1/2" x 5-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 30.50<br>1.07             | 1.41                    |
| 06 46 36 00-0128 | LF  | 1-1/2" x 6-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 35.16<br>1.15             | 1.52                    |
| 06 46 36 00-0129 | LF  | 1-1/2" x 7-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 39.57<br>1.17             | 1.52                    |
| 06 46 36 00-0130 | LF  | 1-1/2" x 8-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 44.03<br>1.21             | 1.52                    |
| 06 46 36 00-0131 | LF  | 1-1/2" x 9-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add          | 48.40<br>1.22             | 1.63                    |
| 06 46 36 00-0132 | LF  | 1-1/2" x 10-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add         | 53.53<br>1.29             | 1.63                    |
| 06 46 36 00-0133 | LF  | 1-1/2" x 11-1/2" Custom Shaped Birch<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add         | 57.46<br>1.32             | 1.73                    |
| 06 46 36 00-0134 |     | Clear Western Cedar (06 46 36)                                                                       |                           |                         |
| 06 46 36 00-0135 | LF  | 3/4" x 1-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 7.47<br>0.88              | 1.20                    |
| 06 46 36 00-0136 | LF  | 3/4" x 2-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 9.41<br>0.91              | 1.20                    |
| 06 46 36 00-0137 | LF  | 3/4" x 3-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 11.36<br>0.94             | 1.20                    |
| 06 46 36 00-0138 | LF  | 3/4" x 4-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 13.30<br>0.96             | 1.30                    |
| 06 46 36 00-0139 | LF  | 3/4" x 5-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 15.37<br>1.02             | 1.30                    |
| 06 46 36 00-0140 | LF  | 3/4" x 6-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 17.43<br>1.07             | 1.41                    |
| 06 46 36 00-0141 | LF  | 1" x 1-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 8.90<br>0.90              | 1.20                    |
| 06 46 36 00-0142 | LF  | 1" x 2-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 11.51<br>0.93             | 1.20                    |
| 06 46 36 00-0143 | LF  | 1" x 3-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 14.11<br>0.96             | 1.30                    |
| 06 46 36 00-0144 | LF  | 1" x 4-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 16.73<br>0.99             | 1.30                    |
| 06 46 36 00-0145 | LF  | 1" x 5-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 19.45<br>1.04             | 1.41                    |
| 06 46 36 00-0146 | LF  | 1" x 6-1/2" Custom Shaped Clear West Cedar<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 22.18<br>1.10             | 1.41                    |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

| MINOR            |                          |                                                                                                                |                | TOTAL DIRECT | DEMOLITION |
|------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|----------------|--------------|------------|
| CSI              | UOM                      | DESCRIPTION                                                                                                    |                | UNIT COST    | UNIT COST  |
| 06 46 36 00-0147 | LF                       | 1-1/4" x 1-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 11.77<br>0.93  | 1.20         |            |
| 06 46 36 00-0148 | LF                       | 1-1/4" x 2-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 15.76<br>0.96  | 1.20         |            |
| 06 46 36 00-0149 | LF                       | 1-1/4" x 3-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 19.75<br>0.98  | 1.30         |            |
| 06 46 36 00-0150 | LF                       | 1-1/4" x 4-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 23.73<br>1.01  | 1.30         |            |
| 06 46 36 00-0151 | LF                       | 1-1/4" x 5-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 27.85<br>1.07  | 1.41         |            |
| 06 46 36 00-0152 | LF                       | 1-1/4" x 6-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 31.95<br>1.12  | 1.41         |            |
| 06 46 36 00-0153 | LF                       | 1-1/2" x 1-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 12.10<br>0.95  | 1.20         |            |
| 06 46 36 00-0154 | LF                       | 1-1/2" x 2-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 16.20<br>0.98  | 1.30         |            |
| 06 46 36 00-0155 | LF                       | 1-1/2" x 3-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 20.30<br>1.01  | 1.30         |            |
| 06 46 36 00-0156 | LF                       | 1-1/2" x 4-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 24.39<br>1.04  | 1.41         |            |
| 06 46 36 00-0157 | LF                       | 1-1/2" x 5-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 28.51<br>1.07  | 1.41         |            |
| 06 46 36 00-0158 | LF                       | 1-1/2" x 6-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 32.84<br>1.15  | 1.52         |            |
| 06 46 36 00-0159 | LF                       | 3-1/2" x 3-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 40.02<br>1.07  | 1.41         |            |
| 06 46 36 00-0160 | LF                       | 3-1/2" x 4-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 49.06<br>1.12  | 1.41         |            |
| 06 46 36 00-0161 | LF                       | 3-1/2" x 5-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 58.01<br>1.15  | 1.52         |            |
| 06 46 36 00-0162 | LF                       | 3-1/2" x 6-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 67.18<br>1.22  | 1.63         |            |
| 06 46 36 00-0163 | LF                       | 3-1/2" x 7-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 76.13<br>1.25  | 1.63         |            |
| 06 46 36 00-0164 | LF                       | 3-1/2" x 8-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 85.18<br>1.30  | 1.73         |            |
| 06 46 36 00-0165 | LF                       | 3-1/2" x 9-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 94.11<br>1.32  | 1.73         |            |
| 06 46 36 00-0166 | LF                       | 3-1/2" x 10-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 103.07<br>1.35 | 1.73         |            |
| 06 46 36 00-0167 | LF                       | 3-1/2" x 11-1/2" Custom Shaped Clear West Cedar<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 112.24<br>1.42 | 1.84         |            |
| 06 46 36 00-0168 | <b>Cherry (06 46 36)</b> |                                                                                                                |                |              |            |
| 06 46 36 00-0169 | LF                       | 3/4" x 1-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 9.23<br>0.88   | 1.20         |            |
| 06 46 36 00-0170 | LF                       | 3/4" x 2-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 12.06<br>0.91  | 1.20         |            |
| 06 46 36 00-0171 | LF                       | 3/4" x 3-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 14.90<br>0.94  | 1.20         |            |
| 06 46 36 00-0172 | LF                       | 3/4" x 4-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 17.72<br>0.96  | 1.30         |            |
| 06 46 36 00-0173 | LF                       | 3/4" x 5-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 20.67<br>1.02  | 1.30         |            |
| 06 46 36 00-0174 | LF                       | 3/4" x 6-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 23.62<br>1.07  | 1.41         |            |
| 06 46 36 00-0175 | LF                       | 3/4" x 7-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 26.43<br>1.10  | 1.41         |            |
| 06 46 36 00-0176 | LF                       | 3/4" x 8-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 29.29<br>1.13  | 1.41         |            |
| 06 46 36 00-0177 | LF                       | 3/4" x 9-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>              | 32.05<br>1.15  | 1.52         |            |
| 06 46 36 00-0178 | LF                       | 3/4" x 10-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>             | 35.03<br>1.21  | 1.52         |            |
| 06 46 36 00-0179 | LF                       | 3/4" x 11-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>             | 37.91<br>1.25  | 1.63         |            |
| 06 46 36 00-0180 | LF                       | 1" x 1-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 11.11<br>0.90  | 1.20         |            |
| 06 46 36 00-0181 | LF                       | 1" x 2-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 14.82<br>0.93  | 1.20         |            |
| 06 46 36 00-0182 | LF                       | 1" x 3-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 18.53<br>0.96  | 1.30         |            |
| 06 46 36 00-0183 | LF                       | 1" x 4-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 22.25<br>0.99  | 1.30         |            |
| 06 46 36 00-0184 | LF                       | 1" x 5-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 26.08<br>1.04  | 1.41         |            |
| 06 46 36 00-0185 | LF                       | 1" x 6-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 29.91<br>1.10  | 1.41         |            |
| 06 46 36 00-0186 | LF                       | 1" x 7-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 33.61<br>1.12  | 1.41         |            |
| 06 46 36 00-0187 | LF                       | 1" x 8-1/2" Custom Shaped Cherry<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>                | 37.40<br>1.16  | 1.52         |            |





| MINOR            | CSI | UOM    | DESCRIPTION                                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|--------|----------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 46 36 00-0188 | LF  | 1"     | 1" x 9-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 41.00<br>1.17          | 1.52                 |
| 06 46 36 00-0189 | LF  | 1"     | 1" x 10-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 44.86<br>1.24          | 1.63                 |
| 06 46 36 00-0190 | LF  | 1"     | 1" x 11-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 48.62<br>1.27          | 1.63                 |
| 06 46 36 00-0191 | LF  | 1-1/4" | 1-1/4" x 1-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 13.15<br>0.93          | 1.20                 |
| 06 46 36 00-0192 | LF  | 1-1/4" | 1-1/4" x 2-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 17.86<br>0.96          | 1.20                 |
| 06 46 36 00-0193 | LF  | 1-1/4" | 1-1/4" x 3-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 22.51<br>0.98          | 1.30                 |
| 06 46 36 00-0194 | LF  | 1-1/4" | 1-1/4" x 4-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 27.21<br>1.01          | 1.30                 |
| 06 46 36 00-0195 | LF  | 1-1/4" | 1-1/4" x 5-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 31.99<br>1.07          | 1.41                 |
| 06 46 36 00-0196 | LF  | 1-1/4" | 1-1/4" x 6-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 36.82<br>1.12          | 1.41                 |
| 06 46 36 00-0197 | LF  | 1-1/4" | 1-1/4" x 7-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 41.45<br>1.15          | 1.52                 |
| 06 46 36 00-0198 | LF  | 1-1/4" | 1-1/4" x 8-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 46.18<br>1.18          | 1.52                 |
| 06 46 36 00-0199 | LF  | 1-1/4" | 1-1/4" x 9-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 50.78<br>1.20          | 1.52                 |
| 06 46 36 00-0200 | LF  | 1-1/4" | 1-1/4" x 10-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 55.63<br>1.26          | 1.63                 |
| 06 46 36 00-0201 | LF  | 1-1/4" | 1-1/4" x 11-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 60.33<br>1.30          | 1.73                 |
| 06 46 36 00-0202 | LF  | 1-1/2" | 1-1/2" x 1-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 16.96<br>0.95          | 1.20                 |
| 06 46 36 00-0203 | LF  | 1-1/2" | 1-1/2" x 2-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 23.49<br>0.98          | 1.30                 |
| 06 46 36 00-0204 | LF  | 1-1/2" | 1-1/2" x 3-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 30.02<br>1.01          | 1.30                 |
| 06 46 36 00-0205 | LF  | 1-1/2" | 1-1/2" x 4-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 36.55<br>1.04          | 1.41                 |
| 06 46 36 00-0206 | LF  | 1-1/2" | 1-1/2" x 5-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 43.09<br>1.07          | 1.41                 |
| 06 46 36 00-0207 | LF  | 1-1/2" | 1-1/2" x 6-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 49.85<br>1.15          | 1.52                 |
| 06 46 36 00-0208 | LF  | 1-1/2" | 1-1/2" x 7-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 56.36<br>1.17          | 1.52                 |
| 06 46 36 00-0209 | LF  | 1-1/2" | 1-1/2" x 8-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 62.92<br>1.21          | 1.52                 |
| 06 46 36 00-0210 | LF  | 1-1/2" | 1-1/2" x 9-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 69.39<br>1.22          | 1.63                 |
| 06 46 36 00-0211 | LF  | 1-1/2" | 1-1/2" x 10-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 76.18<br>1.29          | 1.63                 |
| 06 46 36 00-0212 | LF  | 1-1/2" | 1-1/2" x 11-1/2" Custom Shaped Cherry.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 82.65<br>1.32          | 1.73                 |
| 06 46 36 00-0213 |     |        | Cypress (06 46 36)                                                                                 |                        |                      |
| 06 46 36 00-0214 | LF  | 3/4"   | 3/4" x 1-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 6.91<br>0.88           | 1.20                 |
| 06 46 36 00-0215 | LF  | 3/4"   | 3/4" x 2-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 8.58<br>0.91           | 1.20                 |
| 06 46 36 00-0216 | LF  | 3/4"   | 3/4" x 3-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 10.26<br>0.94          | 1.20                 |
| 06 46 36 00-0217 | LF  | 3/4"   | 3/4" x 4-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 11.92<br>0.96          | 1.30                 |
| 06 46 36 00-0218 | LF  | 3/4"   | 3/4" x 5-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 13.71<br>1.02          | 1.30                 |
| 06 46 36 00-0219 | LF  | 3/4"   | 3/4" x 6-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 15.50<br>1.07          | 1.41                 |
| 06 46 36 00-0220 | LF  | 3/4"   | 3/4" x 7-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 17.59<br>1.10          | 1.41                 |
| 06 46 36 00-0221 | LF  | 3/4"   | 3/4" x 8-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 19.35<br>1.13          | 1.41                 |
| 06 46 36 00-0222 | LF  | 3/4"   | 3/4" x 9-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add   | 22.67<br>1.15          | 1.52                 |
| 06 46 36 00-0223 | LF  | 3/4"   | 3/4" x 10-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 24.70<br>1.21          | 1.52                 |
| 06 46 36 00-0224 | LF  | 1"     | 1" x 1-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 9.34<br>0.90           | 1.20                 |
| 06 46 36 00-0225 | LF  | 1"     | 1" x 2-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 12.11<br>0.93          | 1.20                 |
| 06 46 36 00-0226 | LF  | 1"     | 1" x 3-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 14.94<br>0.96          | 1.30                 |
| 06 46 36 00-0227 | LF  | 1"     | 1" x 4-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 17.78<br>0.99          | 1.30                 |
| 06 46 36 00-0228 | LF  | 1"     | 1" x 5-1/2" Custom Shaped Cypress.....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 20.72<br>1.04          | 1.41                 |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0229 LF 1" x 6-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 23.61<br>1.10             | 1.41                    |
| 06 46 36 00-0230 LF 1" x 7-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 26.43<br>1.12             | 1.41                    |
| 06 46 36 00-0231 LF 1" x 8-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 29.28<br>1.16             | 1.52                    |
| 06 46 36 00-0232 LF 1" x 9-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 32.05<br>1.17             | 1.52                    |
| 06 46 36 00-0233 LF 1" x 10-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>     | 35.09<br>1.24             | 1.63                    |
| 06 46 36 00-0234 LF 1" x 11-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>     | 37.85<br>1.27             | 1.63                    |
| 06 46 36 00-0235 LF 1-1/2" x 1-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 11.00<br>0.95             | 1.20                    |
| 06 46 36 00-0236 LF 1-1/2" x 2-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 14.54<br>0.98             | 1.30                    |
| 06 46 36 00-0237 LF 1-1/2" x 3-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 18.09<br>1.01             | 1.30                    |
| 06 46 36 00-0238 LF 1-1/2" x 4-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 21.63<br>1.04             | 1.41                    |
| 06 46 36 00-0239 LF 1-1/2" x 5-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 25.20<br>1.07             | 1.41                    |
| 06 46 36 00-0240 LF 1-1/2" x 6-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 28.97<br>1.15             | 1.52                    |
| 06 46 36 00-0241 LF 1-1/2" x 7-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 32.50<br>1.17             | 1.52                    |
| 06 46 36 00-0242 LF 1-1/2" x 8-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 36.08<br>1.21             | 1.52                    |
| 06 46 36 00-0243 LF 1-1/2" x 9-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>  | 42.88<br>1.22             | 1.63                    |
| 06 46 36 00-0244 LF 1-1/2" x 10-1/2" Custom Shaped Cypress.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> | 46.79<br>1.29             | 1.63                    |
| <b>06 46 36 00-0245 Fir (06 46 36)</b>                                                                                         |                           |                         |
| 06 46 36 00-0246 LF 3/4" x 1-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 7.80<br>0.88              | 1.20                    |
| 06 46 36 00-0247 LF 3/4" x 2-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 9.91<br>0.91              | 1.20                    |
| 06 46 36 00-0248 LF 3/4" x 3-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 12.02<br>0.94             | 1.20                    |
| 06 46 36 00-0249 LF 3/4" x 4-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 14.13<br>0.96             | 1.30                    |
| 06 46 36 00-0250 LF 3/4" x 5-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 16.36<br>1.02             | 1.30                    |
| 06 46 36 00-0251 LF 3/4" x 6-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 18.59<br>1.07             | 1.41                    |
| 06 46 36 00-0252 LF 3/4" x 7-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 20.69<br>1.10             | 1.41                    |
| 06 46 36 00-0253 LF 3/4" x 8-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 22.83<br>1.13             | 1.41                    |
| 06 46 36 00-0254 LF 3/4" x 9-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>        | 24.87<br>1.15             | 1.52                    |
| 06 46 36 00-0255 LF 3/4" x 10-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>       | 27.13<br>1.21             | 1.63                    |
| 06 46 36 00-0256 LF 1" x 1-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 9.34<br>0.90              | 1.20                    |
| 06 46 36 00-0257 LF 1" x 2-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 12.11<br>0.93             | 1.20                    |
| 06 46 36 00-0258 LF 1" x 3-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 14.94<br>0.96             | 1.30                    |
| 06 46 36 00-0259 LF 1" x 4-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 17.78<br>0.99             | 1.30                    |
| 06 46 36 00-0260 LF 1" x 5-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 20.72<br>1.04             | 1.41                    |
| 06 46 36 00-0261 LF 1" x 6-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 23.61<br>1.10             | 1.41                    |
| 06 46 36 00-0262 LF 1" x 7-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 26.43<br>1.12             | 1.41                    |
| 06 46 36 00-0263 LF 1" x 8-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 29.28<br>1.16             | 1.52                    |
| 06 46 36 00-0264 LF 1" x 9-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>          | 32.05<br>1.17             | 1.52                    |
| 06 46 36 00-0265 LF 1" x 10-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>         | 35.09<br>1.24             | 1.63                    |
| 06 46 36 00-0266 LF 1" x 11-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>         | 37.85<br>1.27             | 1.63                    |
| 06 46 36 00-0267 LF 1-1/4" x 1-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 10.50<br>0.93             | 1.20                    |
| 06 46 36 00-0268 LF 1-1/4" x 2-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 13.88<br>0.96             | 1.20                    |
| 06 46 36 00-0269 LF 1-1/4" x 3-1/2" Custom Shaped Fir.....<br><i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>      | 17.20<br>0.98             | 1.30                    |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0270 | LF  | 1-1/4" x 4-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 20.58<br>1.01             | 1.30                    |
| 06 46 36 00-0271 | LF  | 1-1/4" x 5-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 24.04<br>1.07             | 1.41                    |
| 06 46 36 00-0272 | LF  | 1-1/4" x 6-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 27.54<br>1.12             | 1.41                    |
| 06 46 36 00-0273 | LF  | 1-1/4" x 7-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 30.85<br>1.15             | 1.52                    |
| 06 46 36 00-0274 | LF  | 1-1/4" x 8-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 34.25<br>1.18             | 1.52                    |
| 06 46 36 00-0275 | LF  | 1-1/4" x 9-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 37.52<br>1.20             | 1.52                    |
| 06 46 36 00-0276 | LF  | 1-1/4" x 10-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 41.05<br>1.26             | 1.63                    |
| 06 46 36 00-0277 | LF  | 1-1/4" x 11-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 44.42<br>1.30             | 1.73                    |
| 06 46 36 00-0278 | LF  | 1-1/2" x 1-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 12.10<br>0.95             | 1.20                    |
| 06 46 36 00-0279 | LF  | 1-1/2" x 2-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 16.20<br>0.98             | 1.30                    |
| 06 46 36 00-0280 | LF  | 1-1/2" x 3-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 20.30<br>1.01             | 1.30                    |
| 06 46 36 00-0281 | LF  | 1-1/2" x 4-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 24.39<br>1.04             | 1.41                    |
| 06 46 36 00-0282 | LF  | 1-1/2" x 5-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 28.51<br>1.07             | 1.41                    |
| 06 46 36 00-0283 | LF  | 1-1/2" x 6-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 32.84<br>1.15             | 1.52                    |
| 06 46 36 00-0284 | LF  | 1-1/2" x 7-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 36.92<br>1.17             | 1.52                    |
| 06 46 36 00-0285 | LF  | 1-1/2" x 8-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 41.05<br>1.21             | 1.63                    |
| 06 46 36 00-0286 | LF  | 1-1/2" x 9-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 45.09<br>1.22             | 1.63                    |
| 06 46 36 00-0287 | LF  | 1-1/2" x 10-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 49.34<br>1.29             | 1.73                    |
| 06 46 36 00-0288 | LF  | 1-1/2" x 11-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 53.48<br>1.32             | 1.73                    |
| 06 46 36 00-0289 | LF  | 2-1/2" x 1-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 20.25<br>1.00             | 1.30                    |
| 06 46 36 00-0290 | LF  | 2-1/2" x 2-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 28.31<br>1.02             | 1.30                    |
| 06 46 36 00-0291 | LF  | 2-1/2" x 3-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 36.38<br>1.05             | 1.41                    |
| 06 46 36 00-0292 | LF  | 2-1/2" x 4-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 44.54<br>1.10             | 1.41                    |
| 06 46 36 00-0293 | LF  | 2-1/2" x 5-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 52.60<br>1.12             | 1.41                    |
| 06 46 36 00-0294 | LF  | 2-1/2" x 6-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 60.88<br>1.20             | 1.52                    |
| 06 46 36 00-0295 | LF  | 2-1/2" x 7-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 68.95<br>1.22             | 1.63                    |
| 06 46 36 00-0296 | LF  | 2-1/2" x 8-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 77.22<br>1.27             | 1.63                    |
| 06 46 36 00-0297 | LF  | 2-1/2" x 9-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 85.18<br>1.30             | 1.73                    |
| 06 46 36 00-0298 | LF  | 2-1/2" x 10-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 93.24<br>1.32             | 1.73                    |
| 06 46 36 00-0299 | LF  | 3-1/2" x 3-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 45.43<br>1.07             | 1.41                    |
| 06 46 36 00-0300 | LF  | 3-1/2" x 4-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 55.69<br>1.12             | 1.41                    |
| 06 46 36 00-0301 | LF  | 3-1/2" x 5-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 65.97<br>1.15             | 1.52                    |
| 06 46 36 00-0302 | LF  | 3-1/2" x 6-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 76.46<br>1.22             | 1.63                    |
| 06 46 36 00-0303 | LF  | 3-1/2" x 7-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 86.73<br>1.25             | 1.63                    |
| 06 46 36 00-0304 | LF  | 3-1/2" x 8-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 97.11<br>1.30             | 1.73                    |
| 06 46 36 00-0305 | LF  | 3-1/2" x 9-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add             | 107.37<br>1.32            | 1.73                    |
| 06 46 36 00-0306 | LF  | 3-1/2" x 10-1/2" Custom Shaped Fir<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add            | 117.65<br>1.35            | 1.73                    |
| 06 46 36 00-0307 |     | Honduran Mahogany (06 46 36)                                                                          |                           |                         |
| 06 46 36 00-0308 | LF  | 3/4" x 1-1/2" Custom Shaped Honduras Mahogany<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 9.90<br>0.88              | 1.20                    |
| 06 46 36 00-0309 | LF  | 3/4" x 2-1/2" Custom Shaped Honduras Mahogany<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 13.05<br>0.91             | 1.20                    |
| 06 46 36 00-0310 | LF  | 3/4" x 3-1/2" Custom Shaped Honduras Mahogany<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 16.22<br>0.94             | 1.20                    |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

| MINOR            |     |                                                       |           | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-------------------------------------------------------|-----------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                           | UNIT COST | UNIT COST    |            |
| 06 46 36 00-0311 | LF  | 3/4" x 4-1/2" Custom Shaped Honduras Mahogany.....    | 19.38     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.96      |              |            |
| 06 46 36 00-0312 | LF  | 3/4" x 5-1/2" Custom Shaped Honduras Mahogany.....    | 22.66     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.02      |              |            |
| 06 46 36 00-0313 | LF  | 3/4" x 6-1/2" Custom Shaped Honduras Mahogany.....    | 25.94     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.07      |              |            |
| 06 46 36 00-0314 | LF  | 3/4" x 7-1/2" Custom Shaped Honduras Mahogany.....    | 29.08     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.10      |              |            |
| 06 46 36 00-0315 | LF  | 3/4" x 8-1/2" Custom Shaped Honduras Mahogany.....    | 32.27     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.13      |              |            |
| 06 46 36 00-0316 | LF  | 3/4" x 9-1/2" Custom Shaped Honduras Mahogany.....    | 35.37     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.15      |              |            |
| 06 46 36 00-0317 | LF  | 3/4" x 10-1/2" Custom Shaped Honduras Mahogany.....   | 38.68     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.21      |              |            |
| 06 46 36 00-0318 | LF  | 3/4" x 11-1/2" Custom Shaped Honduras Mahogany.....   | 41.88     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.25      |              |            |
| 06 46 36 00-0319 | LF  | 1" x 1-1/2" Custom Shaped Honduras Mahogany.....      | 12.10     | 1.20         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.90      |              |            |
| 06 46 36 00-0320 | LF  | 1" x 2-1/2" Custom Shaped Honduras Mahogany.....      | 16.26     | 1.20         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.93      |              |            |
| 06 46 36 00-0321 | LF  | 1" x 3-1/2" Custom Shaped Honduras Mahogany.....      | 20.46     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.96      |              |            |
| 06 46 36 00-0322 | LF  | 1" x 4-1/2" Custom Shaped Honduras Mahogany.....      | 24.68     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.99      |              |            |
| 06 46 36 00-0323 | LF  | 1" x 5-1/2" Custom Shaped Honduras Mahogany.....      | 29.01     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.04      |              |            |
| 06 46 36 00-0324 | LF  | 1" x 6-1/2" Custom Shaped Honduras Mahogany.....      | 33.28     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.10      |              |            |
| 06 46 36 00-0325 | LF  | 1" x 7-1/2" Custom Shaped Honduras Mahogany.....      | 37.48     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.12      |              |            |
| 06 46 36 00-0326 | LF  | 1" x 8-1/2" Custom Shaped Honduras Mahogany.....      | 41.71     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.16      |              |            |
| 06 46 36 00-0327 | LF  | 1" x 9-1/2" Custom Shaped Honduras Mahogany.....      | 45.86     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.17      |              |            |
| 06 46 36 00-0328 | LF  | 1" x 10-1/2" Custom Shaped Honduras Mahogany.....     | 50.17     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.24      |              |            |
| 06 46 36 00-0329 | LF  | 1" x 11-1/2" Custom Shaped Honduras Mahogany.....     | 54.97     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.27      |              |            |
| 06 46 36 00-0330 | LF  | 1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany.....  | 13.82     | 1.20         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.93      |              |            |
| 06 46 36 00-0331 | LF  | 1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany.....  | 18.85     | 1.20         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.96      |              |            |
| 06 46 36 00-0332 | LF  | 1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany.....  | 23.83     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.98      |              |            |
| 06 46 36 00-0333 | LF  | 1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany.....  | 28.87     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.01      |              |            |
| 06 46 36 00-0334 | LF  | 1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany.....  | 33.98     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.07      |              |            |
| 06 46 36 00-0335 | LF  | 1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany.....  | 39.14     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.12      |              |            |
| 06 46 36 00-0336 | LF  | 1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany.....  | 44.11     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.15      |              |            |
| 06 46 36 00-0337 | LF  | 1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany.....  | 49.16     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.18      |              |            |
| 06 46 36 00-0338 | LF  | 1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany.....  | 52.99     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.20      |              |            |
| 06 46 36 00-0339 | LF  | 1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany..... | 59.28     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.26      |              |            |
| 06 46 36 00-0340 | LF  | 1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany..... | 64.31     | 1.73         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.30      |              |            |
| 06 46 36 00-0341 | LF  | 1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany.....  | 17.19     | 1.20         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.95      |              |            |
| 06 46 36 00-0342 | LF  | 1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany.....  | 23.82     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.98      |              |            |
| 06 46 36 00-0343 | LF  | 1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany.....  | 30.46     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.01      |              |            |
| 06 46 36 00-0344 | LF  | 1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany.....  | 37.10     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.04      |              |            |
| 06 46 36 00-0345 | LF  | 1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany.....  | 43.76     | 1.41         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.07      |              |            |
| 06 46 36 00-0346 | LF  | 1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany.....  | 50.62     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.15      |              |            |
| 06 46 36 00-0347 | LF  | 1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany.....  | 57.24     | 1.52         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.17      |              |            |
| 06 46 36 00-0348 | LF  | 1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany.....  | 63.92     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.21      |              |            |
| 06 46 36 00-0349 | LF  | 1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany.....  | 70.50     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.22      |              |            |
| 06 46 36 00-0350 | LF  | 1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany..... | 77.28     | 1.63         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.29      |              |            |
| 06 46 36 00-0351 | LF  | 1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany..... | 84.08     | 1.73         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 1.32      |              |            |
| 06 46 36 00-0352 | LF  | 2" x 1-1/2" Custom Shaped Honduras Mahogany.....      | 20.52     | 1.30         |            |
|                  |     | For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 0.97      |              |            |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0353 LF 2" x 2-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 28.81<br>1.00             | 1.30                    |
| 06 46 36 00-0354 LF 2" x 3-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 37.04<br>1.02             | 1.30                    |
| 06 46 36 00-0355 LF 2" x 4-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 45.42<br>1.07             | 1.41                    |
| 06 46 36 00-0356 LF 2" x 5-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 53.65<br>1.10             | 1.41                    |
| 06 46 36 00-0357 LF 2" x 6-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 62.15<br>1.17             | 1.52                    |
| 06 46 36 00-0358 LF 2" x 7-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 70.38<br>1.20             | 1.52                    |
| 06 46 36 00-0359 LF 2" x 8-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 78.77<br>1.25             | 1.63                    |
| 06 46 36 00-0360 LF 2" x 9-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add      | 87.00<br>1.27             | 1.63                    |
| 06 46 36 00-0361 LF 2" x 10-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 95.29<br>1.30             | 1.73                    |
| 06 46 36 00-0362 LF 2" x 11-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add     | 103.73<br>1.37            | 1.84                    |
| 06 46 36 00-0363 LF 2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 25.33<br>1.00             | 1.30                    |
| 06 46 36 00-0364 LF 2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 34.28<br>1.02             | 1.30                    |
| 06 46 36 00-0365 LF 2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 44.33<br>1.05             | 1.41                    |
| 06 46 36 00-0366 LF 2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 54.48<br>1.10             | 1.41                    |
| 06 46 36 00-0367 LF 2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 64.53<br>1.12             | 1.41                    |
| 06 46 36 00-0368 LF 2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 74.80<br>1.20             | 1.52                    |
| 06 46 36 00-0369 LF 2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 84.86<br>1.22             | 1.63                    |
| 06 46 36 00-0370 LF 2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 95.01<br>1.27             | 1.63                    |
| 06 46 36 00-0371 LF 2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 105.06<br>1.30            | 1.73                    |
| 06 46 36 00-0372 LF 2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 115.11<br>1.32            | 1.73                    |
| 06 46 36 00-0373 LF 2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 125.39<br>1.40            | 1.84                    |
| 06 46 36 00-0374 LF 3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 60.35<br>1.07             | 1.41                    |
| 06 46 36 00-0375 LF 3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 74.47<br>1.12             | 1.41                    |
| 06 46 36 00-0376 LF 3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 88.50<br>1.15             | 1.52                    |
| 06 46 36 00-0377 LF 3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 102.75<br>1.22            | 1.63                    |
| 06 46 36 00-0378 LF 3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 116.78<br>1.25            | 1.63                    |
| 06 46 36 00-0379 LF 3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 130.91<br>1.30            | 1.73                    |
| 06 46 36 00-0380 LF 3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add  | 144.93<br>1.32            | 1.73                    |
| 06 46 36 00-0381 LF 3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 158.97<br>1.35            | 1.73                    |
| 06 46 36 00-0382 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany .....<br>For Curved Surfaces With A 2'-0" Maximum Radius, Add | 173.22<br>1.42            | 1.84                    |
| 06 46 36 00-0383 Maple (06 46 36)                                                                                                  |                           |                         |
| 06 46 36 00-0384 LF 3/4" x 1-1/2" Custom Shaped Maple.....                                                                         | 7.36                      | 1.20                    |
| 06 46 36 00-0385 LF 3/4" x 2-1/2" Custom Shaped Maple.....                                                                         | 9.24                      | 1.20                    |
| 06 46 36 00-0386 LF 3/4" x 3-1/2" Custom Shaped Maple.....                                                                         | 11.14                     | 1.20                    |
| 06 46 36 00-0387 LF 3/4" x 4-1/2" Custom Shaped Maple.....                                                                         | 13.03                     | 1.30                    |
| 06 46 36 00-0388 LF 3/4" x 5-1/2" Custom Shaped Maple.....                                                                         | 15.03                     | 1.30                    |
| 06 46 36 00-0389 LF 3/4" x 6-1/2" Custom Shaped Maple.....                                                                         | 17.04                     | 1.41                    |
| 06 46 36 00-0390 LF 3/4" x 7-1/2" Custom Shaped Maple.....                                                                         | 18.92                     | 1.41                    |
| 06 46 36 00-0391 LF 3/4" x 8-1/2" Custom Shaped Maple.....                                                                         | 20.84                     | 1.41                    |
| 06 46 36 00-0392 LF 3/4" x 9-1/2" Custom Shaped Maple.....                                                                         | 22.67                     | 1.52                    |
| 06 46 36 00-0393 LF 3/4" x 10-1/2" Custom Shaped Maple.....                                                                        | 24.70                     | 1.63                    |
| 06 46 36 00-0394 LF 3/4" x 11-1/2" Custom Shaped Maple.....                                                                        | 26.64                     | 1.63                    |
| 06 46 36 00-0395 LF 1" x 1-1/2" Custom Shaped Maple.....                                                                           | 8.79                      | 1.20                    |
| 06 46 36 00-0396 LF 1" x 2-1/2" Custom Shaped Maple.....                                                                           | 11.29                     | 1.20                    |
| 06 46 36 00-0397 LF 1" x 3-1/2" Custom Shaped Maple.....                                                                           | 13.84                     | 1.30                    |
| 06 46 36 00-0398 LF 1" x 4-1/2" Custom Shaped Maple.....                                                                           | 16.40                     | 1.30                    |
| 06 46 36 00-0399 LF 1" x 5-1/2" Custom Shaped Maple.....                                                                           | 19.07                     | 1.41                    |
| 06 46 36 00-0400 LF 1" x 6-1/2" Custom Shaped Maple.....                                                                           | 21.68                     | 1.41                    |
| 06 46 36 00-0401 LF 1" x 7-1/2" Custom Shaped Maple.....                                                                           | 24.22                     | 1.41                    |
| 06 46 36 00-0402 LF 1" x 8-1/2" Custom Shaped Maple.....                                                                           | 26.79                     | 1.52                    |
| 06 46 36 00-0403 LF 1" x 9-1/2" Custom Shaped Maple.....                                                                           | 29.29                     | 1.52                    |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                           |        |      |
|------------------|----|-------------------------------------------|--------|------|
| 06 46 36 00-0404 | LF | 1" x 10-1/2" Custom Shaped Maple.....     | 30.83  | 1.63 |
| 06 46 36 00-0405 | LF | 1" x 11-1/2" Custom Shaped Maple.....     | 34.54  | 1.63 |
| 06 46 36 00-0406 | LF | 1-1/4" x 1-1/2" Custom Shaped Maple.....  | 10.01  | 1.20 |
| 06 46 36 00-0407 | LF | 1-1/4" x 2-1/2" Custom Shaped Maple.....  | 13.11  | 1.20 |
| 06 46 36 00-0408 | LF | 1-1/4" x 3-1/2" Custom Shaped Maple.....  | 16.21  | 1.30 |
| 06 46 36 00-0409 | LF | 1-1/4" x 4-1/2" Custom Shaped Maple.....  | 19.31  | 1.30 |
| 06 46 36 00-0410 | LF | 1-1/4" x 5-1/2" Custom Shaped Maple.....  | 22.55  | 1.41 |
| 06 46 36 00-0411 | LF | 1-1/4" x 6-1/2" Custom Shaped Maple.....  | 25.77  | 1.41 |
| 06 46 36 00-0412 | LF | 1-1/4" x 7-1/2" Custom Shaped Maple.....  | 28.86  | 1.52 |
| 06 46 36 00-0413 | LF | 1-1/4" x 8-1/2" Custom Shaped Maple.....  | 31.98  | 1.52 |
| 06 46 36 00-0414 | LF | 1-1/4" x 9-1/2" Custom Shaped Maple.....  | 35.04  | 1.52 |
| 06 46 36 00-0415 | LF | 1-1/4" x 10-1/2" Custom Shaped Maple..... | 38.29  | 1.63 |
| 06 46 36 00-0416 | LF | 1-1/4" x 11-1/2" Custom Shaped Maple..... | 41.44  | 1.73 |
| 06 46 36 00-0417 | LF | 1-1/2" x 1-1/2" Custom Shaped Maple.....  | 12.55  | 1.20 |
| 06 46 36 00-0418 | LF | 1-1/2" x 2-1/2" Custom Shaped Maple.....  | 16.86  | 1.30 |
| 06 46 36 00-0419 | LF | 1-1/2" x 3-1/2" Custom Shaped Maple.....  | 21.18  | 1.30 |
| 06 46 36 00-0420 | LF | 1-1/2" x 4-1/2" Custom Shaped Maple.....  | 25.50  | 1.41 |
| 06 46 36 00-0421 | LF | 1-1/2" x 5-1/2" Custom Shaped Maple.....  | 29.84  | 1.41 |
| 06 46 36 00-0422 | LF | 1-1/2" x 6-1/2" Custom Shaped Maple.....  | 34.38  | 1.52 |
| 06 46 36 00-0423 | LF | 1-1/2" x 7-1/2" Custom Shaped Maple.....  | 38.68  | 1.52 |
| 06 46 36 00-0424 | LF | 1-1/2" x 8-1/2" Custom Shaped Maple.....  | 43.59  | 1.63 |
| 06 46 36 00-0425 | LF | 1-1/2" x 9-1/2" Custom Shaped Maple.....  | 47.30  | 1.63 |
| 06 46 36 00-0426 | LF | 1-1/2" x 10-1/2" Custom Shaped Maple..... | 51.88  | 1.73 |
| 06 46 36 00-0427 | LF | 1-1/2" x 11-1/2" Custom Shaped Maple..... | 56.13  | 1.73 |
| 06 46 36 00-0428 | LF | 2" x 1-1/2" Custom Shaped Maple.....      | 16.66  | 1.30 |
| 06 46 36 00-0429 | LF | 2" x 2-1/2" Custom Shaped Maple.....      | 23.01  | 1.30 |
| 06 46 36 00-0430 | LF | 2" x 3-1/2" Custom Shaped Maple.....      | 29.31  | 1.30 |
| 06 46 36 00-0431 | LF | 2" x 4-1/2" Custom Shaped Maple.....      | 35.76  | 1.41 |
| 06 46 36 00-0432 | LF | 2" x 5-1/2" Custom Shaped Maple.....      | 42.05  | 1.41 |
| 06 46 36 00-0433 | LF | 2" x 6-1/2" Custom Shaped Maple.....      | 48.61  | 1.52 |
| 06 46 36 00-0434 | LF | 2" x 7-1/2" Custom Shaped Maple.....      | 54.91  | 1.52 |
| 06 46 36 00-0435 | LF | 2" x 8-1/2" Custom Shaped Maple.....      | 61.37  | 1.63 |
| 06 46 36 00-0436 | LF | 2" x 9-1/2" Custom Shaped Maple.....      | 67.67  | 1.63 |
| 06 46 36 00-0437 | LF | 2" x 10-1/2" Custom Shaped Maple.....     | 74.02  | 1.73 |
| 06 46 36 00-0438 | LF | 2" x 11-1/2" Custom Shaped Maple.....     | 81.09  | 1.84 |
| 06 46 36 00-0439 | LF | 3-1/2" x 3-1/2" Custom Shaped Maple.....  | 64.76  | 1.41 |
| 06 46 36 00-0440 | LF | 3-1/2" x 4-1/2" Custom Shaped Maple.....  | 79.99  | 1.41 |
| 06 46 36 00-0441 | LF | 3-1/2" x 5-1/2" Custom Shaped Maple.....  | 95.13  | 1.52 |
| 06 46 36 00-0442 | LF | 3-1/2" x 6-1/2" Custom Shaped Maple.....  | 110.49 | 1.63 |
| 06 46 36 00-0443 | LF | 3-1/2" x 7-1/2" Custom Shaped Maple.....  | 125.62 | 1.63 |
| 06 46 36 00-0444 | LF | 3-1/2" x 8-1/2" Custom Shaped Maple.....  | 140.85 | 1.73 |
| 06 46 36 00-0445 | LF | 3-1/2" x 9-1/2" Custom Shaped Maple.....  | 155.98 | 1.73 |
| 06 46 36 00-0446 | LF | 3-1/2" x 10-1/2" Custom Shaped Maple..... | 171.12 | 1.73 |
| 06 46 36 00-0447 | LF | 3-1/2" x 11-1/2" Custom Shaped Maple..... | 186.47 | 1.84 |

**06 46 36 00-0448 Appl Soft Maple (06 46 36)**

|                  |    |                                                     |       |      |
|------------------|----|-----------------------------------------------------|-------|------|
| 06 46 36 00-0449 | LF | 3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....    | 7.47  | 1.20 |
| 06 46 36 00-0450 | LF | 3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....    | 9.41  | 1.20 |
| 06 46 36 00-0451 | LF | 3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....    | 11.36 | 1.20 |
| 06 46 36 00-0452 | LF | 3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....    | 13.30 | 1.30 |
| 06 46 36 00-0453 | LF | 3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....    | 15.37 | 1.30 |
| 06 46 36 00-0454 | LF | 3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....    | 17.43 | 1.41 |
| 06 46 36 00-0455 | LF | 3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....    | 19.36 | 1.41 |
| 06 46 36 00-0456 | LF | 3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....    | 21.33 | 1.41 |
| 06 46 36 00-0457 | LF | 3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....    | 23.22 | 1.52 |
| 06 46 36 00-0458 | LF | 3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....   | 25.31 | 1.63 |
| 06 46 36 00-0459 | LF | 3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....   | 27.30 | 1.63 |
| 06 46 36 00-0460 | LF | 1" x 1-1/2" Custom Shaped Appl Soft Maple.....      | 8.51  | 1.20 |
| 06 46 36 00-0461 | LF | 1" x 2-1/2" Custom Shaped Appl Soft Maple.....      | 10.90 | 1.20 |
| 06 46 36 00-0462 | LF | 1" x 3-1/2" Custom Shaped Appl Soft Maple.....      | 13.28 | 1.30 |
| 06 46 36 00-0463 | LF | 1" x 4-1/2" Custom Shaped Appl Soft Maple.....      | 15.62 | 1.30 |
| 06 46 36 00-0464 | LF | 1" x 5-1/2" Custom Shaped Appl Soft Maple.....      | 18.24 | 1.41 |
| 06 46 36 00-0465 | LF | 1" x 6-1/2" Custom Shaped Appl Soft Maple.....      | 20.74 | 1.41 |
| 06 46 36 00-0466 | LF | 1" x 7-1/2" Custom Shaped Appl Soft Maple.....      | 23.12 | 1.41 |
| 06 46 36 00-0467 | LF | 1" x 8-1/2" Custom Shaped Appl Soft Maple.....      | 25.52 | 1.52 |
| 06 46 36 00-0468 | LF | 1" x 9-1/2" Custom Shaped Appl Soft Maple.....      | 27.91 | 1.52 |
| 06 46 36 00-0469 | LF | 1" x 10-1/2" Custom Shaped Appl Soft Maple.....     | 30.45 | 1.63 |
| 06 46 36 00-0470 | LF | 1" x 11-1/2" Custom Shaped Appl Soft Maple.....     | 32.88 | 1.63 |
| 06 46 36 00-0471 | LF | 1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....  | 9.51  | 1.20 |
| 06 46 36 00-0472 | LF | 1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....  | 12.39 | 1.20 |
| 06 46 36 00-0473 | LF | 1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....  | 15.22 | 1.30 |
| 06 46 36 00-0474 | LF | 1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....  | 18.10 | 1.30 |
| 06 46 36 00-0475 | LF | 1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....  | 21.05 | 1.41 |
| 06 46 36 00-0476 | LF | 1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....  | 24.06 | 1.41 |
| 06 46 36 00-0477 | LF | 1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....  | 26.87 | 1.52 |
| 06 46 36 00-0478 | LF | 1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....  | 29.77 | 1.52 |
| 06 46 36 00-0479 | LF | 1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....  | 32.55 | 1.52 |
| 06 46 36 00-0480 | LF | 1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple..... | 35.58 | 1.63 |
| 06 46 36 00-0481 | LF | 1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple..... | 38.46 | 1.73 |
| 06 46 36 00-0482 | LF | 1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....  | 11.44 | 1.20 |



| MINOR<br>CSI UOM DESCRIPTION |                      |                                                      |  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----------------------|------------------------------------------------------|--|---------------------------|-------------------------|
| 06 46 36 00-0483             | LF                   | 1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple .....  |  | 15.21                     | 1.30                    |
| 06 46 36 00-0484             | LF                   | 1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple .....  |  | 18.97                     | 1.30                    |
| 06 46 36 00-0485             | LF                   | 1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple .....  |  | 22.74                     | 1.41                    |
| 06 46 36 00-0486             | LF                   | 1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple .....  |  | 26.52                     | 1.41                    |
| 06 46 36 00-0487             | LF                   | 1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple .....  |  | 30.52                     | 1.52                    |
| 06 46 36 00-0488             | LF                   | 1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple .....  |  | 34.26                     | 1.52                    |
| 06 46 36 00-0489             | LF                   | 1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple .....  |  | 38.07                     | 1.63                    |
| 06 46 36 00-0490             | LF                   | 1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple .....  |  | 41.77                     | 1.63                    |
| 06 46 36 00-0491             | LF                   | 1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple ..... |  | 45.69                     | 1.73                    |
| 06 46 36 00-0492             | LF                   | 1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple ..... |  | 49.51                     | 1.73                    |
|                              |                      |                                                      |  |                           |                         |
| 06 46 36 00-0493             | Red Oak (06 46 36)   |                                                      |  |                           |                         |
| 06 46 36 00-0494             | LF                   | 3/4" x 1-1/2" Custom Shaped Red Oak .....            |  | 8.02                      | 1.20                    |
| 06 46 36 00-0495             | LF                   | 3/4" x 2-1/2" Custom Shaped Red Oak .....            |  | 10.24                     | 1.20                    |
| 06 46 36 00-0496             | LF                   | 3/4" x 3-1/2" Custom Shaped Red Oak .....            |  | 12.47                     | 1.20                    |
| 06 46 36 00-0497             | LF                   | 3/4" x 4-1/2" Custom Shaped Red Oak .....            |  | 14.68                     | 1.30                    |
| 06 46 36 00-0498             | LF                   | 3/4" x 5-1/2" Custom Shaped Red Oak .....            |  | 17.02                     | 1.30                    |
| 06 46 36 00-0499             | LF                   | 3/4" x 6-1/2" Custom Shaped Red Oak .....            |  | 19.36                     | 1.41                    |
| 06 46 36 00-0500             | LF                   | 3/4" x 7-1/2" Custom Shaped Red Oak .....            |  | 21.57                     | 1.41                    |
| 06 46 36 00-0501             | LF                   | 3/4" x 8-1/2" Custom Shaped Red Oak .....            |  | 23.82                     | 1.41                    |
| 06 46 36 00-0502             | LF                   | 3/4" x 9-1/2" Custom Shaped Red Oak .....            |  | 25.98                     | 1.52                    |
| 06 46 36 00-0503             | LF                   | 3/4" x 10-1/2" Custom Shaped Red Oak .....           |  | 28.35                     | 1.63                    |
| 06 46 36 00-0504             | LF                   | 3/4" x 11-1/2" Custom Shaped Red Oak .....           |  | 30.62                     | 1.63                    |
| 06 46 36 00-0505             | LF                   | 1" x 1-1/2" Custom Shaped Red Oak .....              |  | 9.73                      | 1.20                    |
| 06 46 36 00-0506             | LF                   | 1" x 2-1/2" Custom Shaped Red Oak .....              |  | 12.78                     | 1.20                    |
| 06 46 36 00-0507             | LF                   | 1" x 3-1/2" Custom Shaped Red Oak .....              |  | 15.77                     | 1.30                    |
| 06 46 36 00-0508             | LF                   | 1" x 4-1/2" Custom Shaped Red Oak .....              |  | 19.93                     | 1.30                    |
| 06 46 36 00-0509             | LF                   | 1" x 5-1/2" Custom Shaped Red Oak .....              |  | 21.94                     | 1.41                    |
| 06 46 36 00-0510             | LF                   | 1" x 6-1/2" Custom Shaped Red Oak .....              |  | 25.11                     | 1.41                    |
| 06 46 36 00-0511             | LF                   | 1" x 7-1/2" Custom Shaped Red Oak .....              |  | 28.09                     | 1.41                    |
| 06 46 36 00-0512             | LF                   | 1" x 8-1/2" Custom Shaped Red Oak .....              |  | 31.10                     | 1.52                    |
| 06 46 36 00-0513             | LF                   | 1" x 9-1/2" Custom Shaped Red Oak .....              |  | 34.10                     | 1.52                    |
| 06 46 36 00-0514             | LF                   | 1" x 10-1/2" Custom Shaped Red Oak .....             |  | 37.30                     | 1.63                    |
| 06 46 36 00-0515             | LF                   | 1" x 11-1/2" Custom Shaped Red Oak .....             |  | 40.34                     | 1.63                    |
| 06 46 36 00-0516             | LF                   | 1-1/4" x 1-1/2" Custom Shaped Red Oak .....          |  | 12.16                     | 1.20                    |
| 06 46 36 00-0517             | LF                   | 1-1/4" x 2-1/2" Custom Shaped Red Oak .....          |  | 16.37                     | 1.20                    |
| 06 46 36 00-0518             | LF                   | 1-1/4" x 3-1/2" Custom Shaped Red Oak .....          |  | 20.52                     | 1.30                    |
| 06 46 36 00-0519             | LF                   | 1-1/4" x 4-1/2" Custom Shaped Red Oak .....          |  | 24.73                     | 1.30                    |
| 06 46 36 00-0520             | LF                   | 1-1/4" x 5-1/2" Custom Shaped Red Oak .....          |  | 29.01                     | 1.41                    |
| 06 46 36 00-0521             | LF                   | 1-1/4" x 6-1/2" Custom Shaped Red Oak .....          |  | 33.34                     | 1.41                    |
| 06 46 36 00-0522             | LF                   | 1-1/4" x 7-1/2" Custom Shaped Red Oak .....          |  | 37.48                     | 1.52                    |
| 06 46 36 00-0523             | LF                   | 1-1/4" x 8-1/2" Custom Shaped Red Oak .....          |  | 41.71                     | 1.52                    |
| 06 46 36 00-0524             | LF                   | 1-1/4" x 9-1/2" Custom Shaped Red Oak .....          |  | 45.81                     | 1.52                    |
| 06 46 36 00-0525             | LF                   | 1-1/4" x 10-1/2" Custom Shaped Red Oak .....         |  | 50.16                     | 1.63                    |
| 06 46 36 00-0526             | LF                   | 1-1/4" x 11-1/2" Custom Shaped Red Oak .....         |  | 54.37                     | 1.73                    |
| 06 46 36 00-0527             | LF                   | 1-1/2" x 1-1/2" Custom Shaped Red Oak .....          |  | 17.19                     | 1.20                    |
| 06 46 36 00-0528             | LF                   | 1-1/2" x 2-1/2" Custom Shaped Red Oak .....          |  | 23.82                     | 1.30                    |
| 06 46 36 00-0529             | LF                   | 1-1/2" x 3-1/2" Custom Shaped Red Oak .....          |  | 30.46                     | 1.30                    |
| 06 46 36 00-0530             | LF                   | 1-1/2" x 4-1/2" Custom Shaped Red Oak .....          |  | 37.10                     | 1.30                    |
| 06 46 36 00-0531             | LF                   | 1-1/2" x 5-1/2" Custom Shaped Red Oak .....          |  | 43.76                     | 1.41                    |
| 06 46 36 00-0532             | LF                   | 1-1/2" x 6-1/2" Custom Shaped Red Oak .....          |  | 50.73                     | 1.52                    |
| 06 46 36 00-0533             | LF                   | 1-1/2" x 7-1/2" Custom Shaped Red Oak .....          |  | 57.24                     | 1.52                    |
| 06 46 36 00-0534             | LF                   | 1-1/2" x 8-1/2" Custom Shaped Red Oak .....          |  | 65.02                     | 1.63                    |
| 06 46 36 00-0535             | LF                   | 1-1/2" x 9-1/2" Custom Shaped Red Oak .....          |  | 70.50                     | 1.63                    |
| 06 46 36 00-0536             | LF                   | 1-1/2" x 10-1/2" Custom Shaped Red Oak .....         |  | 77.28                     | 1.63                    |
| 06 46 36 00-0537             | LF                   | 1-1/2" x 11-1/2" Custom Shaped Red Oak .....         |  | 83.97                     | 1.73                    |
| 06 46 36 00-0538             | LF                   | 2" x 1-1/2" Custom Shaped Red Oak .....              |  | 26.60                     | 1.30                    |
| 06 46 36 00-0539             | LF                   | 2" x 2-1/2" Custom Shaped Red Oak .....              |  | 37.92                     | 1.30                    |
| 06 46 36 00-0540             | LF                   | 2" x 3-1/2" Custom Shaped Red Oak .....              |  | 49.19                     | 1.30                    |
| 06 46 36 00-0541             | LF                   | 2" x 4-1/2" Custom Shaped Red Oak .....              |  | 60.61                     | 1.41                    |
| 06 46 36 00-0542             | LF                   | 2" x 5-1/2" Custom Shaped Red Oak .....              |  | 71.88                     | 1.41                    |
| 06 46 36 00-0543             | LF                   | 2" x 6-1/2" Custom Shaped Red Oak .....              |  | 83.41                     | 1.52                    |
| 06 46 36 00-0544             | LF                   | 2" x 7-1/2" Custom Shaped Red Oak .....              |  | 94.68                     | 1.52                    |
| 06 46 36 00-0545             | LF                   | 2" x 8-1/2" Custom Shaped Red Oak .....              |  | 106.11                    | 1.63                    |
| 06 46 36 00-0546             | LF                   | 2" x 9-1/2" Custom Shaped Red Oak .....              |  | 117.38                    | 1.63                    |
| 06 46 36 00-0547             | LF                   | 2" x 10-1/2" Custom Shaped Red Oak .....             |  | 128.70                    | 1.73                    |
| 06 46 36 00-0548             | LF                   | 2" x 11-1/2" Custom Shaped Red Oak .....             |  | 140.19                    | 1.84                    |
|                              |                      |                                                      |  |                           |                         |
| 06 46 36 00-0549             | White Oak (06 46 36) |                                                      |  |                           |                         |
| 06 46 36 00-0550             | LF                   | 3/4" x 1-1/2" Custom Shaped White Oak .....          |  | 8.13                      | 1.20                    |
| 06 46 36 00-0551             | LF                   | 3/4" x 2-1/2" Custom Shaped White Oak .....          |  | 10.40                     | 1.20                    |
| 06 46 36 00-0552             | LF                   | 3/4" x 3-1/2" Custom Shaped White Oak .....          |  | 12.69                     | 1.20                    |
| 06 46 36 00-0553             | LF                   | 3/4" x 4-1/2" Custom Shaped White Oak .....          |  | 14.96                     | 1.30                    |
| 06 46 36 00-0554             | LF                   | 3/4" x 5-1/2" Custom Shaped White Oak .....          |  | 17.35                     | 1.30                    |
| 06 46 36 00-0555             | LF                   | 3/4" x 6-1/2" Custom Shaped White Oak .....          |  | 19.75                     | 1.41                    |
| 06 46 36 00-0556             | LF                   | 3/4" x 7-1/2" Custom Shaped White Oak .....          |  | 22.01                     | 1.41                    |
| 06 46 36 00-0557             | LF                   | 3/4" x 8-1/2" Custom Shaped White Oak .....          |  | 24.32                     | 1.41                    |
| 06 46 36 00-0558             | LF                   | 3/4" x 9-1/2" Custom Shaped White Oak .....          |  | 26.53                     | 1.52                    |
| 06 46 36 00-0559             | LF                   | 3/4" x 10-1/2" Custom Shaped White Oak .....         |  | 28.96                     | 1.63                    |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                |        |      |
|------------------|----|------------------------------------------------|--------|------|
| 06 46 36 00-0560 | LF | 3/4" x 11-1/2" Custom Shaped White Oak .....   | 31.28  | 1.63 |
| 06 46 36 00-0561 | LF | 1" x 1-1/2" Custom Shaped White Oak .....      | 9.73   | 1.20 |
| 06 46 36 00-0562 | LF | 1" x 2-1/2" Custom Shaped White Oak .....      | 12.78  | 1.20 |
| 06 46 36 00-0563 | LF | 1" x 3-1/2" Custom Shaped White Oak .....      | 15.77  | 1.30 |
| 06 46 36 00-0564 | LF | 1" x 4-1/2" Custom Shaped White Oak .....      | 19.93  | 1.30 |
| 06 46 36 00-0565 | LF | 1" x 5-1/2" Custom Shaped White Oak .....      | 21.94  | 1.41 |
| 06 46 36 00-0566 | LF | 1" x 6-1/2" Custom Shaped White Oak .....      | 25.11  | 1.41 |
| 06 46 36 00-0567 | LF | 1" x 7-1/2" Custom Shaped White Oak .....      | 28.09  | 1.41 |
| 06 46 36 00-0568 | LF | 1" x 8-1/2" Custom Shaped White Oak .....      | 31.10  | 1.52 |
| 06 46 36 00-0569 | LF | 1" x 9-1/2" Custom Shaped White Oak .....      | 34.10  | 1.52 |
| 06 46 36 00-0570 | LF | 1" x 10-1/2" Custom Shaped White Oak .....     | 37.30  | 1.63 |
| 06 46 36 00-0571 | LF | 1" x 11-1/2" Custom Shaped White Oak .....     | 40.34  | 1.63 |
| 06 46 36 00-0572 | LF | 1-1/4" x 1-1/2" Custom Shaped White Oak .....  | 12.33  | 1.20 |
| 06 46 36 00-0573 | LF | 1-1/4" x 2-1/2" Custom Shaped White Oak .....  | 16.59  | 1.20 |
| 06 46 36 00-0574 | LF | 1-1/4" x 3-1/2" Custom Shaped White Oak .....  | 20.85  | 1.30 |
| 06 46 36 00-0575 | LF | 1-1/4" x 4-1/2" Custom Shaped White Oak .....  | 25.11  | 1.30 |
| 06 46 36 00-0576 | LF | 1-1/4" x 5-1/2" Custom Shaped White Oak .....  | 29.51  | 1.41 |
| 06 46 36 00-0577 | LF | 1-1/4" x 6-1/2" Custom Shaped White Oak .....  | 33.89  | 1.41 |
| 06 46 36 00-0578 | LF | 1-1/4" x 7-1/2" Custom Shaped White Oak .....  | 38.14  | 1.52 |
| 06 46 36 00-0579 | LF | 1-1/4" x 8-1/2" Custom Shaped White Oak .....  | 42.42  | 1.52 |
| 06 46 36 00-0580 | LF | 1-1/4" x 9-1/2" Custom Shaped White Oak .....  | 46.64  | 1.52 |
| 06 46 36 00-0581 | LF | 1-1/4" x 10-1/2" Custom Shaped White Oak ..... | 51.05  | 1.63 |
| 06 46 36 00-0582 | LF | 1-1/4" x 11-1/2" Custom Shaped White Oak ..... | 55.36  | 1.73 |
| 06 46 36 00-0583 | LF | 1-1/2" x 1-1/2" Custom Shaped White Oak .....  | 20.50  | 1.20 |
| 06 46 36 00-0584 | LF | 1-1/2" x 2-1/2" Custom Shaped White Oak .....  | 28.79  | 1.30 |
| 06 46 36 00-0585 | LF | 1-1/2" x 3-1/2" Custom Shaped White Oak .....  | 37.09  | 1.30 |
| 06 46 36 00-0586 | LF | 1-1/2" x 4-1/2" Custom Shaped White Oak .....  | 45.38  | 1.41 |
| 06 46 36 00-0587 | LF | 1-1/2" x 5-1/2" Custom Shaped White Oak .....  | 53.70  | 1.41 |
| 06 46 36 00-0588 | LF | 1-1/2" x 6-1/2" Custom Shaped White Oak .....  | 62.22  | 1.52 |
| 06 46 36 00-0589 | LF | 1-1/2" x 7-1/2" Custom Shaped White Oak .....  | 70.50  | 1.52 |
| 06 46 36 00-0590 | LF | 1-1/2" x 8-1/2" Custom Shaped White Oak .....  | 78.83  | 1.63 |
| 06 46 36 00-0591 | LF | 1-1/2" x 9-1/2" Custom Shaped White Oak .....  | 85.96  | 1.63 |
| 06 46 36 00-0592 | LF | 1-1/2" x 10-1/2" Custom Shaped White Oak ..... | 95.51  | 1.73 |
| 06 46 36 00-0593 | LF | 1-1/2" x 11-1/2" Custom Shaped White Oak ..... | 103.86 | 1.73 |

**06 46 36 00-0594****White Pine (06 46 36)**

|                  |    |                                                 |       |      |
|------------------|----|-------------------------------------------------|-------|------|
| 06 46 36 00-0595 | LF | 3/4" x 1-1/2" Custom Shaped White Pine .....    | 9.12  | 1.20 |
| 06 46 36 00-0596 | LF | 3/4" x 2-1/2" Custom Shaped White Pine .....    | 11.89 | 1.20 |
| 06 46 36 00-0597 | LF | 3/4" x 3-1/2" Custom Shaped White Pine .....    | 14.67 | 1.20 |
| 06 46 36 00-0598 | LF | 3/4" x 4-1/2" Custom Shaped White Pine .....    | 17.45 | 1.30 |
| 06 46 36 00-0599 | LF | 3/4" x 5-1/2" Custom Shaped White Pine .....    | 20.34 | 1.30 |
| 06 46 36 00-0600 | LF | 3/4" x 6-1/2" Custom Shaped White Pine .....    | 23.23 | 1.41 |
| 06 46 36 00-0601 | LF | 3/4" x 7-1/2" Custom Shaped White Pine .....    | 25.99 | 1.41 |
| 06 46 36 00-0602 | LF | 3/4" x 8-1/2" Custom Shaped White Pine .....    | 28.79 | 1.41 |
| 06 46 36 00-0603 | LF | 3/4" x 9-1/2" Custom Shaped White Pine .....    | 33.16 | 1.52 |
| 06 46 36 00-0604 | LF | 3/4" x 10-1/2" Custom Shaped White Pine .....   | 36.25 | 1.63 |
| 06 46 36 00-0605 | LF | 1" x 1-1/2" Custom Shaped White Pine .....      | 10.28 | 1.20 |
| 06 46 36 00-0606 | LF | 1" x 2-1/2" Custom Shaped White Pine .....      | 13.61 | 1.20 |
| 06 46 36 00-0607 | LF | 1" x 3-1/2" Custom Shaped White Pine .....      | 16.87 | 1.30 |
| 06 46 36 00-0608 | LF | 1" x 4-1/2" Custom Shaped White Pine .....      | 20.21 | 1.30 |
| 06 46 36 00-0609 | LF | 1" x 5-1/2" Custom Shaped White Pine .....      | 23.60 | 1.41 |
| 06 46 36 00-0610 | LF | 1" x 6-1/2" Custom Shaped White Pine .....      | 27.04 | 1.41 |
| 06 46 36 00-0611 | LF | 1" x 7-1/2" Custom Shaped White Pine .....      | 30.30 | 1.41 |
| 06 46 36 00-0612 | LF | 1" x 8-1/2" Custom Shaped White Pine .....      | 33.64 | 1.52 |
| 06 46 36 00-0613 | LF | 1" x 9-1/2" Custom Shaped White Pine .....      | 36.86 | 1.52 |
| 06 46 36 00-0614 | LF | 1" x 10-1/2" Custom Shaped White Pine .....     | 40.33 | 1.63 |
| 06 46 36 00-0615 | LF | 1" x 11-1/2" Custom Shaped White Pine .....     | 43.65 | 1.63 |
| 06 46 36 00-0616 | LF | 1-1/4" x 1-1/2" Custom Shaped White Pine .....  | 11.66 | 1.20 |
| 06 46 36 00-0617 | LF | 1-1/4" x 2-1/2" Custom Shaped White Pine .....  | 15.59 | 1.20 |
| 06 46 36 00-0618 | LF | 1-1/4" x 3-1/2" Custom Shaped White Pine .....  | 19.64 | 1.30 |
| 06 46 36 00-0619 | LF | 1-1/4" x 4-1/2" Custom Shaped White Pine .....  | 23.46 | 1.30 |
| 06 46 36 00-0620 | LF | 1-1/4" x 5-1/2" Custom Shaped White Pine .....  | 27.52 | 1.41 |
| 06 46 36 00-0621 | LF | 1-1/4" x 6-1/2" Custom Shaped White Pine .....  | 31.57 | 1.41 |
| 06 46 36 00-0622 | LF | 1-1/4" x 7-1/2" Custom Shaped White Pine .....  | 35.49 | 1.52 |
| 06 46 36 00-0623 | LF | 1-1/4" x 8-1/2" Custom Shaped White Pine .....  | 39.44 | 1.52 |
| 06 46 36 00-0624 | LF | 1-1/4" x 9-1/2" Custom Shaped White Pine .....  | 43.32 | 1.52 |
| 06 46 36 00-0625 | LF | 1-1/4" x 10-1/2" Custom Shaped White Pine ..... | 47.40 | 1.63 |
| 06 46 36 00-0626 | LF | 1-1/4" x 11-1/2" Custom Shaped White Pine ..... | 51.38 | 1.73 |
| 06 46 36 00-0627 | LF | 1-1/2" x 1-1/2" Custom Shaped White Pine .....  | 14.75 | 1.20 |
| 06 46 36 00-0628 | LF | 1-1/2" x 2-1/2" Custom Shaped White Pine .....  | 20.18 | 1.30 |
| 06 46 36 00-0629 | LF | 1-1/2" x 3-1/2" Custom Shaped White Pine .....  | 25.60 | 1.30 |
| 06 46 36 00-0630 | LF | 1-1/2" x 4-1/2" Custom Shaped White Pine .....  | 31.02 | 1.41 |
| 06 46 36 00-0631 | LF | 1-1/2" x 5-1/2" Custom Shaped White Pine .....  | 36.47 | 1.41 |
| 06 46 36 00-0632 | LF | 1-1/2" x 6-1/2" Custom Shaped White Pine .....  | 42.12 | 1.52 |
| 06 46 36 00-0633 | LF | 1-1/2" x 7-1/2" Custom Shaped White Pine .....  | 47.52 | 1.52 |
| 06 46 36 00-0634 | LF | 1-1/2" x 8-1/2" Custom Shaped White Pine .....  | 52.98 | 1.63 |
| 06 46 36 00-0635 | LF | 1-1/2" x 9-1/2" Custom Shaped White Pine .....  | 59.45 | 1.63 |
| 06 46 36 00-0636 | LF | 1-1/2" x 10-1/2" Custom Shaped White Pine ..... | 63.92 | 1.73 |
| 06 46 36 00-0637 | LF | 1-1/2" x 11-1/2" Custom Shaped White Pine ..... | 69.39 | 1.73 |
| 06 46 36 00-0638 | LF | 2" x 1-1/2" Custom Shaped White Pine .....      | 23.01 | 1.30 |





| MINOR<br>CSI UOM DESCRIPTION                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------|---------------------------|-------------------------|
| 06 46 36 00-0639 LF 2" x 2-1/2" Custom Shaped White Pine .....      | 32.51                     | 1.30                    |
| 06 46 36 00-0640 LF 2" x 3-1/2" Custom Shaped White Pine .....      | 42.01                     | 1.30                    |
| 06 46 36 00-0641 LF 2" x 4-1/2" Custom Shaped White Pine .....      | 51.61                     | 1.41                    |
| 06 46 36 00-0642 LF 2" x 5-1/2" Custom Shaped White Pine .....      | 61.11                     | 1.41                    |
| 06 46 36 00-0643 LF 2" x 6-1/2" Custom Shaped White Pine .....      | 70.82                     | 1.52                    |
| 06 46 36 00-0644 LF 2" x 7-1/2" Custom Shaped White Pine .....      | 80.32                     | 1.52                    |
| 06 46 36 00-0645 LF 2" x 8-1/2" Custom Shaped White Pine .....      | 89.93                     | 1.63                    |
| 06 46 36 00-0646 LF 2" x 9-1/2" Custom Shaped White Pine .....      | 99.43                     | 1.63                    |
| 06 46 36 00-0647 LF 2" x 10-1/2" Custom Shaped White Pine .....     | 108.93                    | 1.73                    |
| 06 46 36 00-0648 LF 2" x 11-1/2" Custom Shaped White Pine .....     | 118.65                    | 1.84                    |
| 06 46 36 00-0649 LF 2-1/2" x 1-1/2" Custom Shaped White Pine .....  | 27.54                     | 1.30                    |
| 06 46 36 00-0650 LF 2-1/2" x 2-1/2" Custom Shaped White Pine .....  | 39.25                     | 1.30                    |
| 06 46 36 00-0651 LF 2-1/2" x 3-1/2" Custom Shaped White Pine .....  | 50.96                     | 1.41                    |
| 06 46 36 00-0652 LF 2-1/2" x 4-1/2" Custom Shaped White Pine .....  | 62.77                     | 1.41                    |
| 06 46 36 00-0653 LF 2-1/2" x 5-1/2" Custom Shaped White Pine .....  | 74.48                     | 1.41                    |
| 06 46 36 00-0654 LF 2-1/2" x 6-1/2" Custom Shaped White Pine .....  | 86.39                     | 1.52                    |
| 06 46 36 00-0655 LF 2-1/2" x 7-1/2" Custom Shaped White Pine .....  | 98.11                     | 1.63                    |
| 06 46 36 00-0656 LF 2-1/2" x 8-1/2" Custom Shaped White Pine .....  | 109.92                    | 1.63                    |
| 06 46 36 00-0657 LF 2-1/2" x 9-1/2" Custom Shaped White Pine .....  | 121.63                    | 1.73                    |
| 06 46 36 00-0658 LF 2-1/2" x 10-1/2" Custom Shaped White Pine ..... | 133.34                    | 1.73                    |
| 06 46 36 00-0659 LF 2-1/2" x 11-1/2" Custom Shaped White Pine ..... | 145.27                    | 1.84                    |
| 06 46 36 00-0660 LF 3-1/2" x 3-1/2" Custom Shaped White Pine .....  | 70.95                     | 1.41                    |
| 06 46 36 00-0661 LF 3-1/2" x 4-1/2" Custom Shaped White Pine .....  | 87.72                     | 1.41                    |
| 06 46 36 00-0662 LF 3-1/2" x 5-1/2" Custom Shaped White Pine .....  | 104.41                    | 1.52                    |
| 06 46 36 00-0663 LF 3-1/2" x 6-1/2" Custom Shaped White Pine .....  | 121.31                    | 1.63                    |
| 06 46 36 00-0664 LF 3-1/2" x 7-1/2" Custom Shaped White Pine .....  | 137.99                    | 1.63                    |
| 06 46 36 00-0665 LF 3-1/2" x 8-1/2" Custom Shaped White Pine .....  | 154.77                    | 1.73                    |
| 06 46 36 00-0666 LF 3-1/2" x 9-1/2" Custom Shaped White Pine .....  | 171.44                    | 1.73                    |
| 06 46 36 00-0667 LF 3-1/2" x 10-1/2" Custom Shaped White Pine ..... | 188.13                    | 1.73                    |
| 06 46 36 00-0668 LF 3-1/2" x 11-1/2" Custom Shaped White Pine ..... | 205.03                    | 1.84                    |
| 06 46 36 00-0669 Clear Yellow Pine (06 46 36)                       |                           |                         |
| 06 46 36 00-0670 LF 3/4" x 1-1/2" Custom Shaped "C" Y Pine .....    | 6.03                      | 1.20                    |
| 06 46 36 00-0671 LF 3/4" x 2-1/2" Custom Shaped "C" Y Pine .....    | 7.25                      | 1.20                    |
| 06 46 36 00-0672 LF 3/4" x 3-1/2" Custom Shaped "C" Y Pine .....    | 8.49                      | 1.20                    |
| 06 46 36 00-0673 LF 3/4" x 4-1/2" Custom Shaped "C" Y Pine .....    | 9.71                      | 1.30                    |
| 06 46 36 00-0674 LF 3/4" x 5-1/2" Custom Shaped "C" Y Pine .....    | 11.06                     | 1.30                    |
| 06 46 36 00-0675 LF 3/4" x 6-1/2" Custom Shaped "C" Y Pine .....    | 12.40                     | 1.41                    |
| 06 46 36 00-0676 LF 3/4" x 7-1/2" Custom Shaped "C" Y Pine .....    | 13.62                     | 1.41                    |
| 06 46 36 00-0677 LF 3/4" x 8-1/2" Custom Shaped "C" Y Pine .....    | 14.87                     | 1.41                    |
| 06 46 36 00-0678 LF 1" x 1-1/2" Custom Shaped "C" Y Pine .....      | 6.97                      | 1.20                    |
| 06 46 36 00-0679 LF 1" x 2-1/2" Custom Shaped "C" Y Pine .....      | 8.63                      | 1.20                    |
| 06 46 36 00-0680 LF 1" x 3-1/2" Custom Shaped "C" Y Pine .....      | 10.25                     | 1.30                    |
| 06 46 36 00-0681 LF 1" x 4-1/2" Custom Shaped "C" Y Pine .....      | 11.92                     | 1.30                    |
| 06 46 36 00-0682 LF 1" x 5-1/2" Custom Shaped "C" Y Pine .....      | 13.65                     | 1.41                    |
| 06 46 36 00-0683 LF 1" x 6-1/2" Custom Shaped "C" Y Pine .....      | 15.44                     | 1.41                    |
| 06 46 36 00-0684 LF 1" x 7-1/2" Custom Shaped "C" Y Pine .....      | 17.59                     | 1.41                    |
| 06 46 36 00-0685 LF 1" x 8-1/2" Custom Shaped "C" Y Pine .....      | 19.34                     | 1.52                    |
| 06 46 36 00-0686 LF 1-1/2" x 1-1/2" Custom Shaped "C" Y Pine .....  | 8.13                      | 1.20                    |
| 06 46 36 00-0687 LF 1-1/2" x 2-1/2" Custom Shaped "C" Y Pine .....  | 10.24                     | 1.30                    |
| 06 46 36 00-0688 LF 1-1/2" x 3-1/2" Custom Shaped "C" Y Pine .....  | 12.34                     | 1.30                    |
| 06 46 36 00-0689 LF 1-1/2" x 4-1/2" Custom Shaped "C" Y Pine .....  | 14.45                     | 1.41                    |
| 06 46 36 00-0690 LF 1-1/2" x 5-1/2" Custom Shaped "C" Y Pine .....  | 16.58                     | 1.41                    |
| 06 46 36 00-0691 LF 1-1/2" x 6-1/2" Custom Shaped "C" Y Pine .....  | 18.92                     | 1.52                    |
| 06 46 36 00-0692 LF 1-1/2" x 7-1/2" Custom Shaped "C" Y Pine .....  | 21.01                     | 1.52                    |
| 06 46 36 00-0693 LF 1-1/2" x 8-1/2" Custom Shaped "C" Y Pine .....  | 23.16                     | 1.63                    |
| 06 46 36 00-0694 LF 1-1/2" x 9-1/2" Custom Shaped "C" Y Pine .....  | 26.86                     | 1.63                    |
| 06 46 36 00-0695 LF 1-1/2" x 10-1/2" Custom Shaped "C" Y Pine ..... | 27.68                     | 1.73                    |
| 06 46 36 00-0696 Poplar (06 46 36)                                  |                           |                         |
| 06 46 36 00-0697 LF 3/4" x 1-1/2" Custom Shaped Poplar .....        | 6.36                      | 1.20                    |
| 06 46 36 00-0698 LF 3/4" x 2-1/2" Custom Shaped Poplar .....        | 7.75                      | 1.20                    |
| 06 46 36 00-0699 LF 3/4" x 3-1/2" Custom Shaped Poplar .....        | 9.15                      | 1.20                    |
| 06 46 36 00-0700 LF 3/4" x 4-1/2" Custom Shaped Poplar .....        | 10.54                     | 1.30                    |
| 06 46 36 00-0701 LF 3/4" x 5-1/2" Custom Shaped Poplar .....        | 12.05                     | 1.30                    |
| 06 46 36 00-0702 LF 3/4" x 6-1/2" Custom Shaped Poplar .....        | 13.56                     | 1.41                    |
| 06 46 36 00-0703 LF 3/4" x 7-1/2" Custom Shaped Poplar .....        | 14.94                     | 1.41                    |
| 06 46 36 00-0704 LF 3/4" x 8-1/2" Custom Shaped Poplar .....        | 16.36                     | 1.41                    |
| 06 46 36 00-0705 LF 3/4" x 9-1/2" Custom Shaped Poplar .....        | 17.69                     | 1.52                    |
| 06 46 36 00-0706 LF 3/4" x 10-1/2" Custom Shaped Poplar .....       | 19.23                     | 1.63                    |
| 06 46 36 00-0707 LF 3/4" x 11-1/2" Custom Shaped Poplar .....       | 20.79                     | 1.63                    |
| 06 46 36 00-0708 LF 1" x 1-1/2" Custom Shaped Poplar .....          | 7.41                      | 1.20                    |
| 06 46 36 00-0709 LF 1" x 2-1/2" Custom Shaped Poplar .....          | 9.24                      | 1.20                    |
| 06 46 36 00-0710 LF 1" x 3-1/2" Custom Shaped Poplar .....          | 11.07                     | 1.30                    |
| 06 46 36 00-0711 LF 1" x 4-1/2" Custom Shaped Poplar .....          | 12.92                     | 1.30                    |
| 06 46 36 00-0712 LF 1" x 5-1/2" Custom Shaped Poplar .....          | 14.92                     | 1.41                    |
| 06 46 36 00-0713 LF 1" x 6-1/2" Custom Shaped Poplar .....          | 16.88                     | 1.41                    |
| 06 46 36 00-0714 LF 1" x 7-1/2" Custom Shaped Poplar .....          | 18.70                     | 1.41                    |
| 06 46 36 00-0715 LF 1" x 8-1/2" Custom Shaped Poplar .....          | 20.55                     | 1.52                    |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                             |        |      |
|------------------|----|---------------------------------------------|--------|------|
| 06 46 36 00-0716 | LF | 1" x 9-1/2" Custom Shaped Poplar .....      | 22.39  | 1.52 |
| 06 46 36 00-0717 | LF | 1" x 10-1/2" Custom Shaped Poplar .....     | 24.37  | 1.63 |
| 06 46 36 00-0718 | LF | 1" x 11-1/2" Custom Shaped Poplar .....     | 26.25  | 1.63 |
| 06 46 36 00-0719 | LF | 1-1/4" x 1-1/2" Custom Shaped Poplar .....  | 8.35   | 1.20 |
| 06 46 36 00-0720 | LF | 1-1/4" x 2-1/2" Custom Shaped Poplar .....  | 10.62  | 1.20 |
| 06 46 36 00-0721 | LF | 1-1/4" x 3-1/2" Custom Shaped Poplar .....  | 12.90  | 1.30 |
| 06 46 36 00-0722 | LF | 1-1/4" x 4-1/2" Custom Shaped Poplar .....  | 15.17  | 1.30 |
| 06 46 36 00-0723 | LF | 1-1/4" x 5-1/2" Custom Shaped Poplar .....  | 17.57  | 1.41 |
| 06 46 36 00-0724 | LF | 1-1/4" x 6-1/2" Custom Shaped Poplar .....  | 19.97  | 1.41 |
| 06 46 36 00-0725 | LF | 1-1/4" x 7-1/2" Custom Shaped Poplar .....  | 22.23  | 1.52 |
| 06 46 36 00-0726 | LF | 1-1/4" x 8-1/2" Custom Shaped Poplar .....  | 24.53  | 1.52 |
| 06 46 36 00-0727 | LF | 1-1/4" x 9-1/2" Custom Shaped Poplar .....  | 26.75  | 1.52 |
| 06 46 36 00-0728 | LF | 1-1/4" x 10-1/2" Custom Shaped Poplar ..... | 29.18  | 1.63 |
| 06 46 36 00-0729 | LF | 1-1/4" x 11-1/2" Custom Shaped Poplar ..... | 31.50  | 1.73 |
| 06 46 36 00-0730 | LF | 1-1/2" x 1-1/2" Custom Shaped Poplar .....  | 10.56  | 1.20 |
| 06 46 36 00-0731 | LF | 1-1/2" x 2-1/2" Custom Shaped Poplar .....  | 13.88  | 1.30 |
| 06 46 36 00-0732 | LF | 1-1/2" x 3-1/2" Custom Shaped Poplar .....  | 17.20  | 1.30 |
| 06 46 36 00-0733 | LF | 1-1/2" x 4-1/2" Custom Shaped Poplar .....  | 20.53  | 1.41 |
| 06 46 36 00-0734 | LF | 1-1/2" x 5-1/2" Custom Shaped Poplar .....  | 23.87  | 1.41 |
| 06 46 36 00-0735 | LF | 1-1/2" x 6-1/2" Custom Shaped Poplar .....  | 27.43  | 1.52 |
| 06 46 36 00-0736 | LF | 1-1/2" x 7-1/2" Custom Shaped Poplar .....  | 30.73  | 1.52 |
| 06 46 36 00-0737 | LF | 1-1/2" x 8-1/2" Custom Shaped Poplar .....  | 34.09  | 1.63 |
| 06 46 36 00-0738 | LF | 1-1/2" x 9-1/2" Custom Shaped Poplar .....  | 37.36  | 1.63 |
| 06 46 36 00-0739 | LF | 1-1/2" x 10-1/2" Custom Shaped Poplar ..... | 40.83  | 1.73 |
| 06 46 36 00-0740 | LF | 1-1/2" x 11-1/2" Custom Shaped Poplar ..... | 44.20  | 1.73 |
| 06 46 36 00-0741 | LF | 2" x 1-1/2" Custom Shaped Poplar .....      | 13.90  | 1.30 |
| 06 46 36 00-0742 | LF | 2" x 2-1/2" Custom Shaped Poplar .....      | 18.87  | 1.30 |
| 06 46 36 00-0743 | LF | 2" x 3-1/2" Custom Shaped Poplar .....      | 23.78  | 1.30 |
| 06 46 36 00-0744 | LF | 2" x 4-1/2" Custom Shaped Poplar .....      | 28.85  | 1.41 |
| 06 46 36 00-0745 | LF | 2" x 5-1/2" Custom Shaped Poplar .....      | 33.77  | 1.41 |
| 06 46 36 00-0746 | LF | 2" x 6-1/2" Custom Shaped Poplar .....      | 38.95  | 1.52 |
| 06 46 36 00-0747 | LF | 2" x 7-1/2" Custom Shaped Poplar .....      | 43.86  | 1.52 |
| 06 46 36 00-0748 | LF | 2" x 8-1/2" Custom Shaped Poplar .....      | 48.94  | 1.63 |
| 06 46 36 00-0749 | LF | 2" x 9-1/2" Custom Shaped Poplar .....      | 53.86  | 1.63 |
| 06 46 36 00-0750 | LF | 2" x 10-1/2" Custom Shaped Poplar .....     | 58.83  | 1.73 |
| 06 46 36 00-0751 | LF | 2" x 11-1/2" Custom Shaped Poplar .....     | 63.97  | 1.84 |
| 06 46 36 00-0752 | LF | 2-1/2" x 1-1/2" Custom Shaped Poplar .....  | 17.26  | 1.30 |
| 06 46 36 00-0753 | LF | 2-1/2" x 2-1/2" Custom Shaped Poplar .....  | 23.84  | 1.30 |
| 06 46 36 00-0754 | LF | 2-1/2" x 3-1/2" Custom Shaped Poplar .....  | 30.41  | 1.41 |
| 06 46 36 00-0755 | LF | 2-1/2" x 4-1/2" Custom Shaped Poplar .....  | 37.08  | 1.41 |
| 06 46 36 00-0756 | LF | 2-1/2" x 5-1/2" Custom Shaped Poplar .....  | 43.65  | 1.41 |
| 06 46 36 00-0757 | LF | 2-1/2" x 6-1/2" Custom Shaped Poplar .....  | 50.44  | 1.52 |
| 06 46 36 00-0758 | LF | 2-1/2" x 7-1/2" Custom Shaped Poplar .....  | 57.02  | 1.63 |
| 06 46 36 00-0759 | LF | 2-1/2" x 8-1/2" Custom Shaped Poplar .....  | 63.69  | 1.63 |
| 06 46 36 00-0760 | LF | 2-1/2" x 9-1/2" Custom Shaped Poplar .....  | 70.26  | 1.73 |
| 06 46 36 00-0761 | LF | 2-1/2" x 10-1/2" Custom Shaped Poplar ..... | 76.84  | 1.73 |
| 06 46 36 00-0762 | LF | 2-1/2" x 11-1/2" Custom Shaped Poplar ..... | 83.63  | 1.84 |
| 06 46 36 00-0763 | LF | 3-1/2" x 3-1/2" Custom Shaped Poplar .....  | 41.79  | 1.41 |
| 06 46 36 00-0764 | LF | 3-1/2" x 4-1/2" Custom Shaped Poplar .....  | 51.27  | 1.41 |
| 06 46 36 00-0765 | LF | 3-1/2" x 5-1/2" Custom Shaped Poplar .....  | 60.67  | 1.52 |
| 06 46 36 00-0766 | LF | 3-1/2" x 6-1/2" Custom Shaped Poplar .....  | 70.39  | 1.63 |
| 06 46 36 00-0767 | LF | 3-1/2" x 7-1/2" Custom Shaped Poplar .....  | 79.66  | 1.63 |
| 06 46 36 00-0768 | LF | 3-1/2" x 8-1/2" Custom Shaped Poplar .....  | 89.15  | 1.73 |
| 06 46 36 00-0769 | LF | 3-1/2" x 9-1/2" Custom Shaped Poplar .....  | 98.53  | 1.73 |
| 06 46 36 00-0770 | LF | 3-1/2" x 10-1/2" Custom Shaped Poplar ..... | 107.93 | 1.73 |
| 06 46 36 00-0771 | LF | 3-1/2" x 11-1/2" Custom Shaped Poplar ..... | 117.54 | 1.84 |

**06 46 36 00-0772 Clear Heart Redwood (06 46 36)**

|                  |    |                                                         |       |      |
|------------------|----|---------------------------------------------------------|-------|------|
| 06 46 36 00-0773 | LF | 3/4" x 1-1/2" Custom Shaped Clear Heart Redwood .....   | 7.91  | 1.20 |
| 06 46 36 00-0774 | LF | 3/4" x 2-1/2" Custom Shaped Clear Heart Redwood .....   | 10.07 | 1.20 |
| 06 46 36 00-0775 | LF | 3/4" x 3-1/2" Custom Shaped Clear Heart Redwood .....   | 12.24 | 1.20 |
| 06 46 36 00-0776 | LF | 3/4" x 4-1/2" Custom Shaped Clear Heart Redwood .....   | 14.41 | 1.30 |
| 06 46 36 00-0777 | LF | 3/4" x 5-1/2" Custom Shaped Clear Heart Redwood .....   | 16.69 | 1.30 |
| 06 46 36 00-0778 | LF | 3/4" x 6-1/2" Custom Shaped Clear Heart Redwood .....   | 18.98 | 1.41 |
| 06 46 36 00-0779 | LF | 3/4" x 7-1/2" Custom Shaped Clear Heart Redwood .....   | 23.34 | 1.41 |
| 06 46 36 00-0780 | LF | 3/4" x 8-1/2" Custom Shaped Clear Heart Redwood .....   | 25.81 | 1.41 |
| 06 46 36 00-0781 | LF | 3/4" x 9-1/2" Custom Shaped Clear Heart Redwood .....   | 25.92 | 1.52 |
| 06 46 36 00-0782 | LF | 3/4" x 10-1/2" Custom Shaped Clear Heart Redwood .....  | 27.74 | 1.63 |
| 06 46 36 00-0783 | LF | 1" x 1-1/2" Custom Shaped Clear Heart Redwood .....     | 9.62  | 1.20 |
| 06 46 36 00-0784 | LF | 1" x 2-1/2" Custom Shaped Clear Heart Redwood .....     | 12.56 | 1.20 |
| 06 46 36 00-0785 | LF | 1" x 3-1/2" Custom Shaped Clear Heart Redwood .....     | 15.49 | 1.30 |
| 06 46 36 00-0786 | LF | 1" x 4-1/2" Custom Shaped Clear Heart Redwood .....     | 18.44 | 1.30 |
| 06 46 36 00-0787 | LF | 1" x 5-1/2" Custom Shaped Clear Heart Redwood .....     | 21.55 | 1.41 |
| 06 46 36 00-0788 | LF | 1" x 6-1/2" Custom Shaped Clear Heart Redwood .....     | 24.61 | 1.41 |
| 06 46 36 00-0789 | LF | 1" x 7-1/2" Custom Shaped Clear Heart Redwood .....     | 31.40 | 1.41 |
| 06 46 36 00-0790 | LF | 1" x 8-1/2" Custom Shaped Clear Heart Redwood .....     | 34.86 | 1.52 |
| 06 46 36 00-0791 | LF | 1" x 9-1/2" Custom Shaped Clear Heart Redwood .....     | 38.24 | 1.52 |
| 06 46 36 00-0792 | LF | 1" x 10-1/2" Custom Shaped Clear Heart Redwood .....    | 41.82 | 1.63 |
| 06 46 36 00-0793 | LF | 1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood ..... | 12.77 | 1.20 |
| 06 46 36 00-0794 | LF | 1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood ..... | 17.19 | 1.30 |



| MINOR<br>CSI UOM DESCRIPTION       |    |                                                    |        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------|----|----------------------------------------------------|--------|---------------------------|-------------------------|
| 06 46 36 00-0795                   | LF | 1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood  | 21.62  | 1.30                      |                         |
| 06 46 36 00-0796                   | LF | 1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood  | 26.05  | 1.41                      |                         |
| 06 46 36 00-0797                   | LF | 1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood  | 30.50  | 1.41                      |                         |
| 06 46 36 00-0798                   | LF | 1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood  | 35.27  | 1.52                      |                         |
| 06 46 36 00-0799                   | LF | 1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood  | 47.52  | 1.52                      |                         |
| 06 46 36 00-0800                   | LF | 1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood  | 52.98  | 1.63                      |                         |
| 06 46 36 00-0801                   | LF | 1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood  | 62.76  | 1.63                      |                         |
| 06 46 36 00-0802                   | LF | 1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood | 68.78  | 1.73                      |                         |
| 06 46 36 00-0803                   | LF | 3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood  | 66.53  | 1.41                      |                         |
| 06 46 36 00-0804                   | LF | 3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood  | 82.20  | 1.41                      |                         |
| 06 46 36 00-0805                   | LF | 3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood  | 97.78  | 1.52                      |                         |
| 06 46 36 00-0806                   | LF | 3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood  | 113.58 | 1.63                      |                         |
| 06 46 36 00-0807                   | LF | 3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood  | 129.15 | 1.63                      |                         |
| 06 46 36 00-0808                   | LF | 3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood  | 144.83 | 1.73                      |                         |
| 06 46 36 00-0809                   | LF | 3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood  | 160.40 | 1.73                      |                         |
| 06 46 36 00-0810                   | LF | 3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood | 175.98 | 1.73                      |                         |
| 06 46 36 00-0811                   | LF | 3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood | 191.78 | 1.84                      |                         |
| 06 46 36 00-0812 Teak (06 46 36)   |    |                                                    |        |                           |                         |
| 06 46 36 00-0813                   | LF | 3/4" x 1-1/2" Custom Shaped Teak                   | 22.71  | 1.20                      |                         |
| 06 46 36 00-0814                   | LF | 3/4" x 2-1/2" Custom Shaped Teak                   | 32.28  | 1.20                      |                         |
| 06 46 36 00-0815                   | LF | 3/4" x 3-1/2" Custom Shaped Teak                   | 41.85  | 1.20                      |                         |
| 06 46 36 00-0816                   | LF | 3/4" x 4-1/2" Custom Shaped Teak                   | 51.42  | 1.30                      |                         |
| 06 46 36 00-0817                   | LF | 3/4" x 5-1/2" Custom Shaped Teak                   | 61.10  | 1.30                      |                         |
| 06 46 36 00-0818                   | LF | 3/4" x 6-1/2" Custom Shaped Teak                   | 70.79  | 1.41                      |                         |
| 06 46 36 00-0819                   | LF | 3/4" x 7-1/2" Custom Shaped Teak                   | 80.34  | 1.41                      |                         |
| 06 46 36 00-0820                   | LF | 3/4" x 8-1/2" Custom Shaped Teak                   | 89.94  | 1.41                      |                         |
| 06 46 36 00-0821                   | LF | 3/4" x 9-1/2" Custom Shaped Teak                   | 99.44  | 1.52                      |                         |
| 06 46 36 00-0822                   | LF | 3/4" x 10-1/2" Custom Shaped Teak                  | 109.16 | 1.63                      |                         |
| 06 46 36 00-0823                   | LF | 3/4" x 11-1/2" Custom Shaped Teak                  | 118.77 | 1.63                      |                         |
| 06 46 36 00-0824                   | LF | 1-1/2" x 1-1/2" Custom Shaped Teak                 | 52.98  | 1.20                      |                         |
| 06 46 36 00-0825                   | LF | 1-1/2" x 2-1/2" Custom Shaped Teak                 | 60.94  | 1.30                      |                         |
| 06 46 36 00-0826                   | LF | 1-1/2" x 3-1/2" Custom Shaped Teak                 | 79.95  | 1.30                      |                         |
| 06 46 36 00-0827                   | LF | 1-1/2" x 4-1/2" Custom Shaped Teak                 | 98.96  | 1.41                      |                         |
| 06 46 36 00-0828                   | LF | 1-1/2" x 5-1/2" Custom Shaped Teak                 | 117.99 | 1.41                      |                         |
| 06 46 36 00-0829                   | LF | 1-1/2" x 6-1/2" Custom Shaped Teak                 | 136.68 | 1.52                      |                         |
| 06 46 36 00-0830                   | LF | 1-1/2" x 7-1/2" Custom Shaped Teak                 | 156.22 | 1.52                      |                         |
| 06 46 36 00-0831                   | LF | 1-1/2" x 8-1/2" Custom Shaped Teak                 | 175.27 | 1.63                      |                         |
| 06 46 36 00-0832                   | LF | 1-1/2" x 9-1/2" Custom Shaped Teak                 | 194.22 | 1.63                      |                         |
| 06 46 36 00-0833                   | LF | 1-1/2" x 10-1/2" Custom Shaped Teak                | 213.38 | 1.73                      |                         |
| 06 46 36 00-0834                   | LF | 1-1/2" x 11-1/2" Custom Shaped Teak                | 232.44 | 1.73                      |                         |
| 06 46 36 00-0835 Walnut (06 46 36) |    |                                                    |        |                           |                         |
| 06 46 36 00-0836                   | LF | 3/4" x 1-1/2" Custom Shaped Walnut                 | 12.22  | 1.20                      |                         |
| 06 46 36 00-0837                   | LF | 3/4" x 2-1/2" Custom Shaped Walnut                 | 16.53  | 1.20                      |                         |
| 06 46 36 00-0838                   | LF | 3/4" x 3-1/2" Custom Shaped Walnut                 | 20.86  | 1.20                      |                         |
| 06 46 36 00-0839                   | LF | 3/4" x 4-1/2" Custom Shaped Walnut                 | 25.18  | 1.30                      |                         |
| 06 46 36 00-0840                   | LF | 3/4" x 5-1/2" Custom Shaped Walnut                 | 29.62  | 1.30                      |                         |
| 06 46 36 00-0841                   | LF | 3/4" x 6-1/2" Custom Shaped Walnut                 | 34.05  | 1.41                      |                         |
| 06 46 36 00-0842                   | LF | 3/4" x 7-1/2" Custom Shaped Walnut                 | 38.36  | 1.41                      |                         |
| 06 46 36 00-0843                   | LF | 3/4" x 8-1/2" Custom Shaped Walnut                 | 42.71  | 1.41                      |                         |
| 06 46 36 00-0844                   | LF | 3/4" x 9-1/2" Custom Shaped Walnut                 | 46.97  | 1.52                      |                         |
| 06 46 36 00-0845                   | LF | 3/4" x 10-1/2" Custom Shaped Walnut                | 51.44  | 1.63                      |                         |
| 06 46 36 00-0846                   | LF | 3/4" x 11-1/2" Custom Shaped Walnut                | 55.80  | 1.63                      |                         |
| 06 46 36 00-0847                   | LF | 1" x 1-1/2" Custom Shaped Walnut                   | 14.70  | 1.20                      |                         |
| 06 46 36 00-0848                   | LF | 1" x 2-1/2" Custom Shaped Walnut                   | 20.23  | 1.20                      |                         |
| 06 46 36 00-0849                   | LF | 1" x 3-1/2" Custom Shaped Walnut                   | 25.71  | 1.30                      |                         |
| 06 46 36 00-0850                   | LF | 1" x 4-1/2" Custom Shaped Walnut                   | 31.25  | 1.30                      |                         |
| 06 46 36 00-0851                   | LF | 1" x 5-1/2" Custom Shaped Walnut                   | 36.85  | 1.41                      |                         |
| 06 46 36 00-0852                   | LF | 1" x 6-1/2" Custom Shaped Walnut                   | 42.50  | 1.41                      |                         |
| 06 46 36 00-0853                   | LF | 1" x 7-1/2" Custom Shaped Walnut                   | 47.97  | 1.41                      |                         |
| 06 46 36 00-0854                   | LF | 1" x 8-1/2" Custom Shaped Walnut                   | 53.53  | 1.52                      |                         |
| 06 46 36 00-0855                   | LF | 1" x 9-1/2" Custom Shaped Walnut                   | 58.95  | 1.52                      |                         |
| 06 46 36 00-0856                   | LF | 1" x 10-1/2" Custom Shaped Walnut                  | 64.64  | 1.63                      |                         |
| 06 46 36 00-0857                   | LF | 1" x 11-1/2" Custom Shaped Walnut                  | 70.16  | 1.63                      |                         |
| 06 46 36 00-0858                   | LF | 1-1/4" x 1-1/2" Custom Shaped Walnut               | 18.12  | 1.20                      |                         |
| 06 46 36 00-0859                   | LF | 1-1/4" x 2-1/2" Custom Shaped Walnut               | 25.31  | 1.20                      |                         |
| 06 46 36 00-0860                   | LF | 1-1/4" x 3-1/2" Custom Shaped Walnut               | 32.45  | 1.30                      |                         |
| 06 46 36 00-0861                   | LF | 1-1/4" x 4-1/2" Custom Shaped Walnut               | 39.64  | 1.30                      |                         |
| 06 46 36 00-0862                   | LF | 1-1/4" x 5-1/2" Custom Shaped Walnut               | 46.90  | 1.41                      |                         |
| 06 46 36 00-0863                   | LF | 1-1/4" x 6-1/2" Custom Shaped Walnut               | 54.21  | 1.41                      |                         |
| 06 46 36 00-0864                   | LF | 1-1/4" x 7-1/2" Custom Shaped Walnut               | 61.34  | 1.52                      |                         |
| 06 46 36 00-0865                   | LF | 1-1/4" x 8-1/2" Custom Shaped Walnut               | 68.55  | 1.52                      |                         |
| 06 46 36 00-0866                   | LF | 1-1/4" x 9-1/2" Custom Shaped Walnut               | 75.63  | 1.52                      |                         |
| 06 46 36 00-0867                   | LF | 1-1/4" x 10-1/2" Custom Shaped Walnut              | 82.97  | 1.63                      |                         |
| 06 46 36 00-0868                   | LF | 1-1/4" x 11-1/2" Custom Shaped Walnut              | 90.16  | 1.73                      |                         |
| 06 46 36 00-0869                   | LF | 1-1/2" x 1-1/2" Custom Shaped Walnut               | 24.70  | 1.20                      |                         |
| 06 46 36 00-0870                   | LF | 1-1/2" x 2-1/2" Custom Shaped Walnut               | 35.09  | 1.30                      |                         |
| 06 46 36 00-0871                   | LF | 1-1/2" x 3-1/2" Custom Shaped Walnut               | 45.48  | 1.30                      |                         |

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                             |        |      |
|------------------|----|---------------------------------------------|--------|------|
| 06 46 36 00-0872 | LF | 1-1/2" x 4-1/2" Custom Shaped Walnut .....  | 55.88  | 1.41 |
| 06 46 36 00-0873 | LF | 1-1/2" x 5-1/2" Custom Shaped Walnut .....  | 66.29  | 1.41 |
| 06 46 36 00-0874 | LF | 1-1/2" x 6-1/2" Custom Shaped Walnut .....  | 76.92  | 1.52 |
| 06 46 36 00-0875 | LF | 1-1/2" x 7-1/2" Custom Shaped Walnut .....  | 87.29  | 1.52 |
| 06 46 36 00-0876 | LF | 1-1/2" x 8-1/2" Custom Shaped Walnut .....  | 97.72  | 1.63 |
| 06 46 36 00-0877 | LF | 1-1/2" x 9-1/2" Custom Shaped Walnut .....  | 109.16 | 1.63 |
| 06 46 36 00-0878 | LF | 1-1/2" x 10-1/2" Custom Shaped Walnut ..... | 118.60 | 1.73 |
| 06 46 36 00-0879 | LF | 1-1/2" x 11-1/2" Custom Shaped Walnut ..... | 129.04 | 1.73 |
| 06 46 36 00-0880 | LF | 2" x 1-1/2" Custom Shaped Walnut .....      | 41.79  | 1.30 |
| 06 46 36 00-0881 | LF | 2" x 2-1/2" Custom Shaped Walnut .....      | 60.68  | 1.30 |
| 06 46 36 00-0882 | LF | 2" x 3-1/2" Custom Shaped Walnut .....      | 79.57  | 1.30 |
| 06 46 36 00-0883 | LF | 2" x 4-1/2" Custom Shaped Walnut .....      | 98.56  | 1.41 |
| 06 46 36 00-0884 | LF | 2" x 5-1/2" Custom Shaped Walnut .....      | 117.45 | 1.41 |
| 06 46 36 00-0885 | LF | 2" x 6-1/2" Custom Shaped Walnut .....      | 136.55 | 1.52 |
| 06 46 36 00-0886 | LF | 2" x 7-1/2" Custom Shaped Walnut .....      | 155.44 | 1.52 |
| 06 46 36 00-0887 | LF | 2" x 8-1/2" Custom Shaped Walnut .....      | 174.44 | 1.63 |
| 06 46 36 00-0888 | LF | 2" x 9-1/2" Custom Shaped Walnut .....      | 193.33 | 1.63 |
| 06 46 36 00-0889 | LF | 2" x 10-1/2" Custom Shaped Walnut .....     | 212.22 | 1.73 |
| 06 46 36 00-0890 | LF | 2" x 11-1/2" Custom Shaped Walnut .....     | 231.33 | 1.84 |
| 06 46 36 00-0891 | LF | 2-1/2" x 1-1/2" Custom Shaped Walnut .....  | 52.39  | 1.30 |
| 06 46 36 00-0892 | LF | 2-1/2" x 2-1/2" Custom Shaped Walnut .....  | 76.53  | 1.30 |
| 06 46 36 00-0893 | LF | 2-1/2" x 3-1/2" Custom Shaped Walnut .....  | 100.67 | 1.41 |
| 06 46 36 00-0894 | LF | 2-1/2" x 4-1/2" Custom Shaped Walnut .....  | 124.90 | 1.41 |
| 06 46 36 00-0895 | LF | 2-1/2" x 5-1/2" Custom Shaped Walnut .....  | 149.04 | 1.41 |
| 06 46 36 00-0896 | LF | 2-1/2" x 6-1/2" Custom Shaped Walnut .....  | 173.39 | 1.52 |
| 06 46 36 00-0897 | LF | 2-1/2" x 7-1/2" Custom Shaped Walnut .....  | 197.54 | 1.63 |
| 06 46 36 00-0898 | LF | 2-1/2" x 8-1/2" Custom Shaped Walnut .....  | 221.77 | 1.63 |
| 06 46 36 00-0899 | LF | 2-1/2" x 9-1/2" Custom Shaped Walnut .....  | 245.91 | 1.73 |
| 06 46 36 00-0900 | LF | 2-1/2" x 10-1/2" Custom Shaped Walnut ..... | 270.05 | 1.73 |
| 06 46 36 00-0901 | LF | 2-1/2" x 11-1/2" Custom Shaped Walnut ..... | 294.40 | 1.84 |

**06 48 Wood Frames** (06 40)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

**06 48 13 Exterior Wood Door Frames** (06 48)**06 48 13 00-0001 Exterior Door Frames** (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

|                  |    |                                                                                 |        |       |
|------------------|----|---------------------------------------------------------------------------------|--------|-------|
| 06 48 13 00-0002 | EA | 3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....      | 290.20 | 61.54 |
|                  |    | For Birch, Add .....                                                            | 58.53  |       |
|                  |    | For Mahogany, Add .....                                                         | 142.15 |       |
| 06 48 13 00-0003 | EA | 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....   | 305.10 | 64.49 |
|                  |    | For Birch, Add .....                                                            | 61.84  |       |
|                  |    | For Mahogany, Add .....                                                         | 150.19 |       |
| 06 48 13 00-0004 | EA | 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....      | 320.02 | 67.00 |
|                  |    | For Birch, Add .....                                                            | 65.15  |       |
|                  |    | For Mahogany, Add .....                                                         | 158.22 |       |
| 06 48 13 00-0005 | EA | 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....      | 348.52 | 71.71 |
|                  |    | For Birch, Add .....                                                            | 71.76  |       |
|                  |    | For Mahogany, Add .....                                                         | 174.28 |       |
| 06 48 13 00-0006 | EA | 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....      | 377.66 | 76.84 |
|                  |    | For Birch, Add .....                                                            | 78.38  |       |
|                  |    | For Mahogany, Add .....                                                         | 190.35 |       |
| 06 48 13 00-0007 | EA | 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....    | 430.69 | 61.76 |
| 06 48 13 00-0008 | EA | 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim ..... | 438.69 | 64.49 |
| 06 48 13 00-0009 | EA | 4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....    | 446.65 | 67.23 |
| 06 48 13 00-0010 | EA | 5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....    | 460.50 | 71.60 |
| 06 48 13 00-0011 | EA | 6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....    | 476.64 | 77.07 |
| 06 48 13 00-0012 | EA | 3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....       | 338.69 | 61.76 |
| 06 48 13 00-0013 | EA | 3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....    | 354.99 | 64.49 |
| 06 48 13 00-0014 | EA | 4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....       | 371.39 | 67.23 |
| 06 48 13 00-0015 | EA | 5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....       | 401.85 | 71.60 |
| 06 48 13 00-0016 | EA | 6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....       | 434.47 | 77.07 |

**06 48 16 Interior Wood Door Frames** (06 48)**06 48 16 00-0001 Interior Door Frames** (06 48 16)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

|                  |    |                                                                                        |        |       |
|------------------|----|----------------------------------------------------------------------------------------|--------|-------|
| 06 48 16 00-0002 | EA | 2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim ..... | 145.11 | 29.29 |
|                  |    | For Oak Or Maple, Add .....                                                            | 26.83  |       |
|                  |    | For Birch, Add .....                                                                   | 30.29  |       |
|                  |    | For Mahogany, Add .....                                                                | 73.57  |       |
|                  |    | For Walnut Frame, Add .....                                                            | 38.95  |       |
| 06 48 16 00-0003 | EA | 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....          | 146.12 | 29.40 |
|                  |    | For Oak Or Maple, Add .....                                                            | 27.06  |       |
|                  |    | For Birch, Add .....                                                                   | 30.55  |       |
|                  |    | For Mahogany, Add .....                                                                | 74.19  |       |
|                  |    | For Walnut Frame, Add .....                                                            | 39.28  |       |



|                                |  |  |       |    |
|--------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites |  |  | 06    | 06 |
| Architectural Woodwork         |  |  | 06 40 |    |
| Wood Frames                    |  |  | 06 48 |    |

| MINOR            | CSI | UOM                                                                     | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 06 48 16 00-0004 | EA  | 2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | .....       | 147.93                 | 29.95                |
|                  |     | For Oak Or Maple, Add                                                   | 27.26       |                        |                      |
|                  |     | For Birch, Add                                                          | 30.78       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 74.75       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 39.57       |                        |                      |
| 06 48 16 00-0005 | EA  | 3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim    | .....       | 150.30                 | 30.72                |
|                  |     | For Oak Or Maple, Add                                                   | 27.53       |                        |                      |
|                  |     | For Birch, Add                                                          | 31.08       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 75.49       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 39.96       |                        |                      |
| 06 48 16 00-0006 | EA  | 3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim | .....       | 153.76                 | 31.48                |
|                  |     | For Oak Or Maple, Add                                                   | 28.11       |                        |                      |
|                  |     | For Birch, Add                                                          | 31.74       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 77.09       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 40.81       |                        |                      |
| 06 48 16 00-0007 | EA  | 4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim    | .....       | 162.43                 | 33.45                |
|                  |     | For Oak Or Maple, Add                                                   | 29.60       |                        |                      |
|                  |     | For Birch, Add                                                          | 33.42       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 81.16       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 42.97       |                        |                      |
| 06 48 16 00-0008 | EA  | 5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim    | .....       | 172.71                 | 36.19                |
|                  |     | For Oak Or Maple, Add                                                   | 31.09       |                        |                      |
|                  |     | For Birch, Add                                                          | 35.10       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 85.25       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 45.13       |                        |                      |
| 06 48 16 00-0009 | EA  | 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim    | .....       | 181.94                 | 38.47                |
|                  |     | For Oak Or Maple, Add                                                   | 32.58       |                        |                      |
|                  |     | For Birch, Add                                                          | 36.78       |                        |                      |
|                  |     | For Mahogany, Add                                                       | 89.33       |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 47.29       |                        |                      |
| 06 48 16 00-0010 | LF  | 4-9/16", Pine Interior Door Frame                                       | .....       | 6.84                   | 2.62                 |
|                  |     | For Oak Or Maple, Add                                                   | 0.49        |                        |                      |
|                  |     | For Birch, Add                                                          | 0.56        |                        |                      |
|                  |     | For Mahogany, Add                                                       | 1.35        |                        |                      |
|                  |     | For Walnut Frame, Add                                                   | 0.72        |                        |                      |

## 06 49 Wood Screens and Exterior Wood Shutters (06 40)

### 06 49 19 Exterior Wood Shutters (06 49)

See CSI section 10 71 13 13-0000 for exterior shutters.

## 06 50 Structural Plastics (06)

### 06 51 Structural Plastic Shapes and Plates (06 50)

#### 06 51 13 Plastic Lumber (06 51)

##### 06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

|                  |    |                                                           |       |       |      |
|------------------|----|-----------------------------------------------------------|-------|-------|------|
| 06 51 13 00-0002 | LF | 2" x 6", Beam Or Girder, Recycled Plastic Lumber          | ..... | 11.36 | 1.76 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 3.27  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 0.80  |       |      |
|                  |    | For White Color, Add                                      | 3.76  |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 3.19  |       |      |
| 06 51 13 00-0003 | LF | 2" x 8", Beam Or Girder, Recycled Plastic Lumber          | ..... | 14.50 | 1.91 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 4.35  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 1.06  |       |      |
|                  |    | For White Color, Add                                      | 5.00  |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 4.24  |       |      |
| 06 51 13 00-0004 | LF | 2" x 10", Beam Or Girder, Recycled Plastic Lumber         | ..... | 17.36 | 2.06 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 5.33  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 1.30  |       |      |
|                  |    | For White Color, Add                                      | 6.12  |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 5.19  |       |      |
| 06 51 13 00-0005 | LF | 3" x 10", Beam Or Girder, Recycled Plastic Lumber         | ..... | 25.35 | 2.45 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 8.08  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 1.97  |       |      |
|                  |    | For White Color, Add                                      | 9.29  |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 7.87  |       |      |
| 06 51 13 00-0006 | LF | 3" x 12", Beam Or Girder, Recycled Plastic Lumber         | ..... | 30.34 | 2.76 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 9.77  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 2.38  |       |      |
|                  |    | For White Color, Add                                      | 11.22 |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 9.50  |       |      |
| 06 51 13 00-0007 | LF | 4" x 4", Beam Or Girder, Recycled Plastic Lumber          | ..... | 16.38 | 2.37 |
|                  |    | For Reinforced Structural Plastic Lumber, Add             | 4.81  |       |      |
|                  |    | Note: High density polyethylene combined with fiberglass. |       |       |      |
|                  |    | For Brown Color, Add                                      | 1.17  |       |      |
|                  |    | For White Color, Add                                      | 5.52  |       |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add  | 4.68  |       |      |

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

| MINOR            | CSI | UOM | DESCRIPTION                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------|---------------------------|-------------------------|
| 06 51 13 00-0008 | LF  |     | 4" x 6", Beam Or Girder, Recycled Plastic Lumber .....         | 22.07                     | 2.52                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 6.83                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.66                      |                         |
|                  |     |     | For White Color, Add .....                                     | 7.85                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 6.65                      |                         |
| 06 51 13 00-0009 | LF  |     | 5" x 5", Beam Or Girder, Recycled Plastic Lumber .....         | 22.97                     | 2.60                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 7.12                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.73                      |                         |
|                  |     |     | For White Color, Add .....                                     | 8.18                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 6.93                      |                         |
| 06 51 13 00-0010 | LF  |     | 6" x 6", Beam Or Girder, Recycled Plastic Lumber .....         | 31.68                     | 2.83                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 10.22                     |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 2.49                      |                         |
|                  |     |     | For White Color, Add .....                                     | 11.74                     |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 9.95                      |                         |
| 06 51 13 00-0011 | LF  |     | 6" x 8", Beam Or Girder, Recycled Plastic Lumber .....         | 43.20                     | 2.99                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 14.40                     |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 3.50                      |                         |
|                  |     |     | For White Color, Add .....                                     | 16.55                     |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 14.01                     |                         |
| 06 51 13 00-0012 |     |     | Joists, Recycled Plastic Lumber (06 51 13)                     |                           |                         |
| 06 51 13 00-0013 | LF  |     | 2" x 4", Joist, Recycled Plastic Lumber .....                  | 7.39                      | 0.99                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 2.21                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 0.54                      |                         |
|                  |     |     | For White Color, Add .....                                     | 2.54                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 2.15                      |                         |
| 06 51 13 00-0014 | LF  |     | 2" x 6", Joist, Recycled Plastic Lumber .....                  | 10.27                     | 1.04                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 3.27                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 0.80                      |                         |
|                  |     |     | For White Color, Add .....                                     | 3.76                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 3.19                      |                         |
| 06 51 13 00-0015 | LF  |     | 2" x 8", Joist, Recycled Plastic Lumber .....                  | 13.41                     | 1.15                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 4.35                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.06                      |                         |
|                  |     |     | For White Color, Add .....                                     | 5.00                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 4.24                      |                         |
| 06 51 13 00-0016 | LF  |     | 2" x 10", Joist, Recycled Plastic Lumber .....                 | 16.37                     | 1.37                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 5.33                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.30                      |                         |
|                  |     |     | For White Color, Add .....                                     | 6.12                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 5.19                      |                         |
| 06 51 13 00-0017 | LF  |     | 3" x 10", Joist, Recycled Plastic Lumber .....                 | 24.15                     | 1.61                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 8.08                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.97                      |                         |
|                  |     |     | For White Color, Add .....                                     | 9.29                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 7.87                      |                         |
| 06 51 13 00-0018 | LF  |     | 3" x 12", Joist, Recycled Plastic Lumber .....                 | 29.36                     | 2.06                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 9.77                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 2.38                      |                         |
|                  |     |     | For White Color, Add .....                                     | 11.22                     |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 9.50                      |                         |
| 06 51 13 00-0019 | LF  |     | 4" x 4", Joist, Recycled Plastic Lumber .....                  | 15.06                     | 1.45                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 4.81                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.17                      |                         |
|                  |     |     | For White Color, Add .....                                     | 5.52                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 4.68                      |                         |
| 06 51 13 00-0020 | LF  |     | 4" x 6", Joist, Recycled Plastic Lumber .....                  | 20.65                     | 1.54                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 6.83                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.66                      |                         |
|                  |     |     | For White Color, Add .....                                     | 7.85                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 6.65                      |                         |
| 06 51 13 00-0021 | LF  |     | 5" x 5", Joist, Recycled Plastic Lumber .....                  | 21.65                     | 1.69                    |
|                  |     |     | For Reinforced Structural Plastic Lumber, Add .....            | 7.12                      |                         |
|                  |     |     | Note: High density polyethylene combined with fiberglass.      |                           |                         |
|                  |     |     | For Brown Color, Add .....                                     | 1.73                      |                         |
|                  |     |     | For White Color, Add .....                                     | 8.18                      |                         |
|                  |     |     | For All Other Colors (Except Black, Brown Or White), Add ..... | 6.93                      |                         |



|                                      |  |  |       |    |
|--------------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites       |  |  | 06    | 06 |
| Structural Plastics                  |  |  | 06 50 |    |
| Structural Plastic Shapes and Plates |  |  | 06 51 |    |

| MINOR            | CSI | UOM                                                       | DESCRIPTION      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----------------------------------------------------------|------------------|------------------------|----------------------|
| 06 51 13 00-0022 | LF  | 6" x 6", Joist, Recycled Plastic Lumber                   | .....            | 30.35                  | 1.91                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 10.22                  |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 2.49                   |                      |
|                  |     | For White Color, Add                                      | .....            | 11.74                  |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 9.95                   |                      |
| 06 51 13 00-0023 | LF  | 6" x 8", Joist, Recycled Plastic Lumber                   | .....            | 41.89                  | 2.06                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 14.40                  |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 3.50                   |                      |
|                  |     | For White Color, Add                                      | .....            | 16.55                  |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 14.01                  |                      |
| 06 51 13 00-0024 |     | Columns, Recycled Plastic Lumber                          | (06 51 13) ..... |                        |                      |
| 06 51 13 00-0025 | LF  | 4" x 4", Column, Recycled Plastic Lumber                  | .....            | 17.47                  | 3.14                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 4.81                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 1.17                   |                      |
|                  |     | For White Color, Add                                      | .....            | 5.52                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 4.68                   |                      |
| 06 51 13 00-0026 | LF  | 4" x 6", Column, Recycled Plastic Lumber                  | .....            | 24.80                  | 4.43                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 6.83                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 1.66                   |                      |
|                  |     | For White Color, Add                                      | .....            | 7.85                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 6.65                   |                      |
| 06 51 13 00-0027 | LF  | 5" x 5", Column, Recycled Plastic Lumber                  | .....            | 26.36                  | 4.97                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 7.12                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 1.73                   |                      |
|                  |     | For White Color, Add                                      | .....            | 8.18                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 6.93                   |                      |
| 06 51 13 00-0028 | LF  | 6" x 6", Column, Recycled Plastic Lumber                  | .....            | 35.71                  | 5.66                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 10.22                  |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 2.49                   |                      |
|                  |     | For White Color, Add                                      | .....            | 11.74                  |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 9.95                   |                      |
| 06 51 13 00-0029 | LF  | 6" x 8", Column, Recycled Plastic Lumber                  | .....            | 48.87                  | 6.96                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 14.40                  |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 3.50                   |                      |
|                  |     | For White Color, Add                                      | .....            | 16.55                  |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 14.01                  |                      |
| 06 51 13 00-0030 |     | Walls, Recycled Plastic Lumber                            | (06 51 13) ..... |                        |                      |
| 06 51 13 00-0031 | LF  | 2" x 3", Walls, Recycled Plastic Lumber                   | .....            | 6.64                   | 0.99                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 1.93                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 0.47                   |                      |
|                  |     | For White Color, Add                                      | .....            | 2.22                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 1.88                   |                      |
| 06 51 13 00-0032 | LF  | 2" x 4", Walls, Recycled Plastic Lumber                   | .....            | 7.62                   | 1.15                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 2.21                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 0.54                   |                      |
|                  |     | For White Color, Add                                      | .....            | 2.54                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 2.15                   |                      |
| 06 51 13 00-0033 | LF  | 2" x 6", Walls, Recycled Plastic Lumber                   | .....            | 10.60                  | 1.22                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 3.27                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 0.80                   |                      |
|                  |     | For White Color, Add                                      | .....            | 3.76                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 3.19                   |                      |
| 06 51 13 00-0034 | LF  | 2" x 8", Walls, Recycled Plastic Lumber                   | .....            | 13.62                  | 1.30                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 4.35                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 1.06                   |                      |
|                  |     | For White Color, Add                                      | .....            | 5.00                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 4.24                   |                      |
| 06 51 13 00-0035 |     | Other Shapes, Recycled Plastic Lumber                     | (06 51 13) ..... |                        |                      |
| 06 51 13 00-0036 | LF  | 5/4" x 4", Other Shapes, Recycled Plastic Lumber          | .....            | 6.47                   | 0.87                 |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | .....            | 1.90                   |                      |
|                  |     | Note: High density polyethylene combined with fiberglass. |                  |                        |                      |
|                  |     | For Brown Color, Add                                      | .....            | 0.46                   |                      |
|                  |     | For White Color, Add                                      | .....            | 2.18                   |                      |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | .....            | 1.85                   |                      |

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

| MINOR            | CSI | UOM                                                                      | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 06 51 13 00-0037 | LF  | 5/4" x 6", Other Shapes, Recycled Plastic Lumber .....                   | 8.24        | 0.99                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 2.52        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.61        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.90        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 2.46        |                           |                         |
| 06 51 13 00-0038 | LF  | 5/4" x 8", Recycled Plastic Lumber .....                                 | 10.78       | 0.99                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 3.46        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.84        |                           |                         |
|                  |     | For White Color, Add .....                                               | 3.98        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 3.37        |                           |                         |
| 06 51 13 00-0039 | LF  | 1" x 4", Other Shapes, Recycled Plastic Lumber .....                     | 6.51        | 0.87                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 1.92        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.47        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.20        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 1.86        |                           |                         |
| 06 51 13 00-0040 | LF  | 1" x 6", Other Shapes, Recycled Plastic Lumber .....                     | 7.20        | 0.99                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 2.14        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.52        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.46        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 2.08        |                           |                         |
| 06 51 13 00-0041 | LF  | 1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber ..... | 7.33        | 0.99                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 2.19        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.53        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.51        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 2.13        |                           |                         |
| 06 51 13 00-0042 | LF  | 2" x 2", Other Shapes, Recycled Plastic Lumber .....                     | 4.51        | 0.84                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 1.22        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.30        |                           |                         |
|                  |     | For White Color, Add .....                                               | 1.40        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 1.19        |                           |                         |
| 06 51 13 00-0043 | LF  | 2" x 3", Other Shapes, Recycled Plastic Lumber .....                     | 6.64        | 0.99                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 1.93        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.47        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.22        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 1.88        |                           |                         |
| 06 51 13 00-0044 | LF  | 2" x 4", Other Shapes, Recycled Plastic Lumber .....                     | 7.62        | 1.15                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 2.21        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.54        |                           |                         |
|                  |     | For White Color, Add .....                                               | 2.54        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 2.15        |                           |                         |
| 06 51 13 00-0045 | LF  | 2" x 6", Other Shapes, Recycled Plastic Lumber .....                     | 10.60       | 1.22                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 3.27        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.80        |                           |                         |
|                  |     | For White Color, Add .....                                               | 3.76        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 3.19        |                           |                         |
| 06 51 13 00-0046 | LF  | 2" x 8", Other Shapes, Recycled Plastic Lumber .....                     | 13.62       | 1.30                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 4.35        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 1.06        |                           |                         |
|                  |     | For White Color, Add .....                                               | 5.00        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 4.24        |                           |                         |
| 06 51 13 00-0047 | LF  | 2" x 10", Other Shapes, Recycled Plastic Lumber .....                    | 16.37       | 1.37                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 5.33        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 1.30        |                           |                         |
|                  |     | For White Color, Add .....                                               | 6.12        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 5.19        |                           |                         |
| 06 51 13 00-0048 | LF  | 2" x 12", Other Shapes, Recycled Plastic Lumber .....                    | 19.78       | 1.45                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 6.56        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 1.59        |                           |                         |
|                  |     | For White Color, Add .....                                               | 7.53        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 6.38        |                           |                         |
| 06 51 13 00-0049 | LF  | 3" x 4", Other Shapes, Recycled Plastic Lumber .....                     | 10.90       | 1.34                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 3.32        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 0.81        |                           |                         |
|                  |     | For White Color, Add .....                                               | 3.82        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 3.23        |                           |                         |
| 06 51 13 00-0050 | LF  | 3" x 6", Other Shapes, Recycled Plastic Lumber .....                     | 15.98       | 1.43                      |                         |
|                  |     | For Reinforced Structural Plastic Lumber, Add .....                      | 5.16        |                           |                         |
|                  |     | Note: High density polyethylene combined with fiberglass.                |             |                           |                         |
|                  |     | For Brown Color, Add .....                                               | 1.25        |                           |                         |
|                  |     | For White Color, Add .....                                               | 5.92        |                           |                         |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add .....           | 5.02        |                           |                         |





|                                      |  |  |       |    |
|--------------------------------------|--|--|-------|----|
| Wood, Plastics, and Composites       |  |  | 06    | 06 |
| Structural Plastics                  |  |  | 06 50 |    |
| Structural Plastic Shapes and Plates |  |  | 06 51 |    |

| MINOR            |     | DESCRIPTION                                               | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-----------------------------------------------------------|--------------|------------|
| CSI              | UOM |                                                           | UNIT COST    | UNIT COST  |
| 06 51 13 00-0051 | LF  | 3" x 8", Other Shapes, Recycled Plastic Lumber .....      | 20.81        | 1.54       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 6.90         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 1.68         |            |
|                  |     | For White Color, Add                                      | 7.92         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 6.71         |            |
| 06 51 13 00-0052 | LF  | 3" x 10", Other Shapes, Recycled Plastic Lumber .....     | 24.15        | 1.61       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 8.08         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 1.97         |            |
|                  |     | For White Color, Add                                      | 9.29         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 7.87         |            |
| 06 51 13 00-0053 | LF  | 3" x 12", Other Shapes, Recycled Plastic Lumber .....     | 29.36        | 2.06       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 9.77         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 2.38         |            |
|                  |     | For White Color, Add                                      | 11.22        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 9.50         |            |
| 06 51 13 00-0054 | LF  | 4" x 4", Other Shapes, Recycled Plastic Lumber .....      | 15.06        | 1.45       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 4.81         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 1.17         |            |
|                  |     | For White Color, Add                                      | 5.52         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 4.68         |            |
| 06 51 13 00-0055 | LF  | 4" x 6", Other Shapes, Recycled Plastic Lumber .....      | 20.65        | 1.54       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 6.83         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 1.66         |            |
|                  |     | For White Color, Add                                      | 7.85         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 6.65         |            |
| 06 51 13 00-0056 | LF  | 4" x 8", Other Shapes, Recycled Plastic Lumber .....      | 27.76        | 1.66       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 9.39         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 2.29         |            |
|                  |     | For White Color, Add                                      | 10.79        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 9.14         |            |
| 06 51 13 00-0057 | LF  | 5" x 5", Other Shapes, Recycled Plastic Lumber .....      | 21.65        | 1.69       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 7.12         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 1.73         |            |
|                  |     | For White Color, Add                                      | 8.18         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 6.93         |            |
| 06 51 13 00-0058 | LF  | 6" x 6", Other Shapes, Recycled Plastic Lumber .....      | 30.35        | 1.91       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 10.22        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 2.49         |            |
|                  |     | For White Color, Add                                      | 11.74        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 9.95         |            |
| 06 51 13 00-0059 | LF  | 6" x 8", Other Shapes, Recycled Plastic Lumber .....      | 41.89        | 2.06       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 14.40        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 3.50         |            |
|                  |     | For White Color, Add                                      | 16.55        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 14.01        |            |
| 06 51 13 00-0060 | LF  | 6" x 12", Other Shapes, Recycled Plastic Lumber .....     | 59.14        | 2.30       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 20.67        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 5.03         |            |
|                  |     | For White Color, Add                                      | 23.74        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 20.11        |            |
| 06 51 13 00-0061 | LF  | 8" x 8", Other Shapes, Recycled Plastic Lumber .....      | 52.58        | 2.21       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 18.29        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 4.45         |            |
|                  |     | For White Color, Add                                      | 21.01        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 17.79        |            |
| 06 51 13 00-0062 | LF  | 8" x 10", Other Shapes, Recycled Plastic Lumber .....     | 89.83        | 2.30       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 32.02        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 7.79         |            |
|                  |     | For White Color, Add                                      | 36.78        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 31.16        |            |
| 06 51 13 00-0063 | LF  | 10" x 10", Other Shapes, Recycled Plastic Lumber .....    | 124.62       | 2.41       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 44.84        |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 10.91        |            |
|                  |     | For White Color, Add                                      | 51.51        |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 43.63        |            |
| 06 51 13 00-0064 | LF  | 2" Diameter, Other Shapes, Recycled Plastic Lumber .....  | 4.83         | 0.76       |
|                  |     | For Reinforced Structural Plastic Lumber, Add             | 1.38         |            |
|                  |     | Note: High density polyethylene combined with fiberglass. |              |            |
|                  |     | For Brown Color, Add                                      | 0.34         |            |
|                  |     | For White Color, Add                                      | 1.59         |            |
|                  |     | For All Other Colors (Except Black, Brown Or White), Add  | 1.34         |            |

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                |       |      |
|------------------|----|----------------------------------------------------------------|-------|------|
| 06 51 13 00-0065 | LF | 3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber .....   | 13.85 | 0.99 |
|                  |    | For Reinforced Structural Plastic Lumber, Add .....            | 4.60  |      |
|                  |    | Note: High density polyethylene combined with fiberglass.      |       |      |
|                  |    | For Brown Color, Add .....                                     | 1.12  |      |
|                  |    | For White Color, Add .....                                     | 5.28  |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add ..... | 4.47  |      |
| 06 51 13 00-0066 | LF | 4" Diameter, Other Shapes, Recycled Plastic Lumber .....       | 15.27 | 1.15 |
|                  |    | For Reinforced Structural Plastic Lumber, Add .....            | 5.04  |      |
|                  |    | Note: High density polyethylene combined with fiberglass.      |       |      |
|                  |    | For Brown Color, Add .....                                     | 1.23  |      |
|                  |    | For White Color, Add .....                                     | 5.79  |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add ..... | 4.91  |      |
| 06 51 13 00-0067 | LF | 5" Diameter, Other Shapes, Recycled Plastic Lumber .....       | 18.91 | 1.37 |
|                  |    | For Reinforced Structural Plastic Lumber, Add .....            | 6.27  |      |
|                  |    | Note: High density polyethylene combined with fiberglass.      |       |      |
|                  |    | For Brown Color, Add .....                                     | 1.53  |      |
|                  |    | For White Color, Add .....                                     | 7.20  |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add ..... | 6.10  |      |
| 06 51 13 00-0068 | LF | 6" Diameter, Other Shapes, Recycled Plastic Lumber .....       | 41.85 | 1.61 |
|                  |    | For Reinforced Structural Plastic Lumber, Add .....            | 14.63 |      |
|                  |    | Note: High density polyethylene combined with fiberglass.      |       |      |
|                  |    | For Brown Color, Add .....                                     | 3.56  |      |
|                  |    | For White Color, Add .....                                     | 16.81 |      |
|                  |    | For All Other Colors (Except Black, Brown Or White), Add ..... | 14.24 |      |
| 06 51 13 00-0069 | SF | 1/8" Thick, Other Shapes, Recycled Plastic Sheeting .....      | 3.90  | 0.84 |
| 06 51 13 00-0070 | SF | 1/4" Thick, Other Shapes, Recycled Plastic Sheeting .....      | 5.71  | 0.87 |
| 06 51 13 00-0071 | SF | 3/8" Thick, Other Shapes, Recycled Plastic Sheeting .....      | 8.24  | 0.93 |
| 06 51 13 00-0072 | SF | 1/2" Thick, Other Shapes, Recycled Plastic Sheeting .....      | 10.50 | 0.97 |

**06 51 23 Plastic Channel and Shapes (06 51)****06 51 23 00-0001 Channel (06 51 23)**

|                  |    |                                                                      |       |      |
|------------------|----|----------------------------------------------------------------------|-------|------|
| 06 51 23 00-0002 | LF | 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22) .....       | 18.84 | 2.43 |
| 06 51 23 00-0003 | LF | 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22H1-7/8) ..... | 34.26 | 2.43 |
| 06 51 23 00-0004 | LF | 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22SH) .....     | 34.26 | 2.43 |
| 06 51 23 00-0005 | LF | 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22A) .....      | 44.54 | 2.43 |
| 06 51 23 00-0006 | LF | 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22) .....       | 23.36 | 2.43 |
| 06 51 23 00-0007 | LF | 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22H1-7/8) ..... | 38.99 | 2.43 |
| 06 51 23 00-0008 | LF | 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22SH) .....     | 38.99 | 2.43 |
| 06 51 23 00-0009 | LF | 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22A) .....      | 48.86 | 2.43 |
| 06 51 23 00-0010 | LF | 1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42) .....           | 19.05 | 2.43 |
| 06 51 23 00-0011 | LF | 1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42H1-7/8) .....     | 29.94 | 2.43 |
| 06 51 23 00-0012 | LF | 1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42SH) .....         | 29.94 | 2.43 |
| 06 51 23 00-0013 | LF | 1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42A) .....          | 40.22 | 2.43 |
| 06 51 23 00-0014 | LF | 1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42) .....           | 22.95 | 2.43 |
| 06 51 23 00-0015 | LF | 1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42H1-7/8) .....     | 34.26 | 2.43 |
| 06 51 23 00-0016 | LF | 1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42SH) .....         | 34.26 | 2.43 |
| 06 51 23 00-0017 | LF | 1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42A) .....          | 42.07 | 2.43 |

**06 51 33 Carbon Fiber Plates (06 51)****06 51 33 00-0001 Carbon Fiber Plates (06 51 33)**

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

|                  |    |                                                        |          |  |
|------------------|----|--------------------------------------------------------|----------|--|
| 06 51 33 00-0002 | EA | 6" x 6", 0.039" Thickness, Carbon Fiber Plates .....   | 19.00    |  |
| 06 51 33 00-0003 | EA | 6" x 12", 0.039" Thickness, Carbon Fiber Plates .....  | 29.99    |  |
| 06 51 33 00-0004 | EA | 6" x 24", 0.039" Thickness, Carbon Fiber Plates .....  | 51.85    |  |
| 06 51 33 00-0005 | EA | 12" x 12", 0.039" Thickness, Carbon Fiber Plates ..... | 51.85    |  |
| 06 51 33 00-0006 | EA | 12" x 24", 0.039" Thickness, Carbon Fiber Plates ..... | 92.54    |  |
| 06 51 33 00-0007 | EA | 12" x 48", 0.039" Thickness, Carbon Fiber Plates ..... | 171.79   |  |
| 06 51 33 00-0008 | EA | 24" x 24", 0.039" Thickness, Carbon Fiber Plates ..... | 172.34   |  |
| 06 51 33 00-0009 | EA | 24" x 48", 0.039" Thickness, Carbon Fiber Plates ..... | 328.42   |  |
| 06 51 33 00-0010 | EA | 38" x 48", 0.039" Thickness, Carbon Fiber Plates ..... | 493.08   |  |
| 06 51 33 00-0011 | EA | 38" x 96", 0.039" Thickness, Carbon Fiber Plates ..... | 982.54   |  |
| 06 51 33 00-0012 | EA | 6" x 6", 1/16" Thickness, Carbon Fiber Plates .....    | 23.83    |  |
| 06 51 33 00-0013 | EA | 6" x 12", 1/16" Thickness, Carbon Fiber Plates .....   | 42.08    |  |
| 06 51 33 00-0014 | EA | 6" x 24", 1/16" Thickness, Carbon Fiber Plates .....   | 72.40    |  |
| 06 51 33 00-0015 | EA | 12" x 12", 1/16" Thickness, Carbon Fiber Plates .....  | 72.40    |  |
| 06 51 33 00-0016 | EA | 12" x 24", 1/16" Thickness, Carbon Fiber Plates .....  | 128.79   |  |
| 06 51 33 00-0017 | EA | 12" x 48", 1/16" Thickness, Carbon Fiber Plates .....  | 243.08   |  |
| 06 51 33 00-0018 | EA | 24" x 24", 1/16" Thickness, Carbon Fiber Plates .....  | 243.63   |  |
| 06 51 33 00-0019 | EA | 24" x 48", 1/16" Thickness, Carbon Fiber Plates .....  | 461.34   |  |
| 06 51 33 00-0020 | EA | 38" x 48", 1/16" Thickness, Carbon Fiber Plates .....  | 698.51   |  |
| 06 51 33 00-0021 | EA | 38" x 96", 1/16" Thickness, Carbon Fiber Plates .....  | 1,393.39 |  |
| 06 51 33 00-0022 | EA | 6" x 6", 0.079" Thickness, Carbon Fiber Plates .....   | 28.66    |  |
| 06 51 33 00-0023 | EA | 6" x 12", 0.079" Thickness, Carbon Fiber Plates .....  | 46.91    |  |
| 06 51 33 00-0024 | EA | 6" x 24", 0.079" Thickness, Carbon Fiber Plates .....  | 83.27    |  |
| 06 51 33 00-0025 | EA | 12" x 12", 0.079" Thickness, Carbon Fiber Plates ..... | 83.27    |  |
| 06 51 33 00-0026 | EA | 12" x 24", 0.079" Thickness, Carbon Fiber Plates ..... | 166.25   |  |
| 06 51 33 00-0027 | EA | 12" x 48", 0.079" Thickness, Carbon Fiber Plates ..... | 318.00   |  |
| 06 51 33 00-0028 | EA | 24" x 24", 0.079" Thickness, Carbon Fiber Plates ..... | 318.55   |  |



| MINOR<br>CSI UOM DESCRIPTION                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 51 33 00-0029 EA 24" x 48", 0.079" Thickness, Carbon Fiber Plates ..... | 527.80                    |                         |
| 06 51 33 00-0030 EA 38" x 48", 0.079" Thickness, Carbon Fiber Plates ..... | 802.43                    |                         |
| 06 51 33 00-0031 EA 38" x 96", 0.079" Thickness, Carbon Fiber Plates ..... | 1,590.36                  |                         |
| 06 51 33 00-0032 EA 6" x 6", 3/32" Thickness, Carbon Fiber Plates .....    | 32.29                     |                         |
| 06 51 33 00-0033 EA 6" x 12", 3/32" Thickness, Carbon Fiber Plates .....   | 55.37                     |                         |
| 06 51 33 00-0034 EA 6" x 24", 3/32" Thickness, Carbon Fiber Plates .....   | 91.73                     |                         |
| 06 51 33 00-0035 EA 12" x 12", 3/32" Thickness, Carbon Fiber Plates .....  | 91.73                     |                         |
| 06 51 33 00-0036 EA 12" x 24", 3/32" Thickness, Carbon Fiber Plates .....  | 168.67                    |                         |
| 06 51 33 00-0037 EA 12" x 48", 3/32" Thickness, Carbon Fiber Plates .....  | 316.80                    |                         |
| 06 51 33 00-0038 EA 24" x 24", 3/32" Thickness, Carbon Fiber Plates .....  | 317.35                    |                         |
| 06 51 33 00-0039 EA 24" x 48", 3/32" Thickness, Carbon Fiber Plates .....  | 606.35                    |                         |
| 06 51 33 00-0040 EA 38" x 48", 3/32" Thickness, Carbon Fiber Plates .....  | 917.23                    |                         |
| 06 51 33 00-0041 EA 38" x 96", 3/32" Thickness, Carbon Fiber Plates .....  | 1,828.42                  |                         |
| 06 51 33 00-0042 EA 6" x 6", 0.119" Thickness, Carbon Fiber Plates .....   | 37.12                     |                         |
| 06 51 33 00-0043 EA 6" x 12", 0.119" Thickness, Carbon Fiber Plates .....  | 67.45                     |                         |
| 06 51 33 00-0044 EA 6" x 24", 0.119" Thickness, Carbon Fiber Plates .....  | 108.65                    |                         |
| 06 51 33 00-0045 EA 12" x 12", 0.119" Thickness, Carbon Fiber Plates ..... | 108.65                    |                         |
| 06 51 33 00-0046 EA 12" x 24", 0.119" Thickness, Carbon Fiber Plates ..... | 195.25                    |                         |
| 06 51 33 00-0047 EA 12" x 48", 0.119" Thickness, Carbon Fiber Plates ..... | 372.38                    |                         |
| 06 51 33 00-0048 EA 24" x 24", 0.119" Thickness, Carbon Fiber Plates ..... | 372.93                    |                         |
| 06 51 33 00-0049 EA 24" x 48", 0.119" Thickness, Carbon Fiber Plates ..... | 707.85                    |                         |
| 06 51 33 00-0050 EA 38" x 48", 0.119" Thickness, Carbon Fiber Plates ..... | 1,073.11                  |                         |
| 06 51 33 00-0051 EA 38" x 96", 0.119" Thickness, Carbon Fiber Plates ..... | 2,136.56                  |                         |
| 06 51 33 00-0052 EA 6" x 6", 1/8" Thickness, Carbon Fiber Plates .....     | 35.91                     |                         |
| 06 51 33 00-0053 EA 6" x 12", 1/8" Thickness, Carbon Fiber Plates .....    | 63.83                     |                         |
| 06 51 33 00-0054 EA 6" x 24", 1/8" Thickness, Carbon Fiber Plates .....    | 108.65                    |                         |
| 06 51 33 00-0055 EA 12" x 12", 1/8" Thickness, Carbon Fiber Plates .....   | 108.65                    |                         |
| 06 51 33 00-0056 EA 12" x 24", 1/8" Thickness, Carbon Fiber Plates .....   | 181.96                    |                         |
| 06 51 33 00-0057 EA 12" x 48", 1/8" Thickness, Carbon Fiber Plates .....   | 353.05                    |                         |
| 06 51 33 00-0058 EA 24" x 24", 1/8" Thickness, Carbon Fiber Plates .....   | 353.60                    |                         |
| 06 51 33 00-0059 EA 24" x 48", 1/8" Thickness, Carbon Fiber Plates .....   | 671.60                    |                         |
| 06 51 33 00-0060 EA 38" x 48", 1/8" Thickness, Carbon Fiber Plates .....   | 1,061.03                  |                         |
| 06 51 33 00-0061 EA 38" x 96", 1/8" Thickness, Carbon Fiber Plates .....   | 2,074.93                  |                         |
| 06 51 33 00-0062 EA 6" x 6", 0.157" Thickness, Carbon Fiber Plates .....   | 44.37                     |                         |
| 06 51 33 00-0063 EA 6" x 12", 0.157" Thickness, Carbon Fiber Plates .....  | 87.99                     |                         |
| 06 51 33 00-0064 EA 6" x 24", 0.157" Thickness, Carbon Fiber Plates .....  | 132.82                    |                         |
| 06 51 33 00-0065 EA 12" x 12", 0.157" Thickness, Carbon Fiber Plates ..... | 132.82                    |                         |
| 06 51 33 00-0066 EA 12" x 24", 0.157" Thickness, Carbon Fiber Plates ..... | 230.30                    |                         |
| 06 51 33 00-0067 EA 12" x 48", 0.157" Thickness, Carbon Fiber Plates ..... | 438.84                    |                         |
| 06 51 33 00-0068 EA 24" x 24", 0.157" Thickness, Carbon Fiber Plates ..... | 439.39                    |                         |
| 06 51 33 00-0069 EA 24" x 48", 0.157" Thickness, Carbon Fiber Plates ..... | 840.78                    |                         |
| 06 51 33 00-0070 EA 38" x 48", 0.157" Thickness, Carbon Fiber Plates ..... | 1,273.71                  |                         |
| 06 51 33 00-0071 EA 38" x 96", 0.157" Thickness, Carbon Fiber Plates ..... | 2,541.37                  |                         |
| 06 51 33 00-0072 EA 6" x 6", 3/16" Thickness, Carbon Fiber Plates .....    | 50.41                     |                         |
| 06 51 33 00-0073 EA 6" x 12", 3/16" Thickness, Carbon Fiber Plates .....   | 90.41                     |                         |
| 06 51 33 00-0074 EA 6" x 24", 3/16" Thickness, Carbon Fiber Plates .....   | 152.15                    |                         |
| 06 51 33 00-0075 EA 12" x 12", 3/16" Thickness, Carbon Fiber Plates .....  | 152.15                    |                         |
| 06 51 33 00-0076 EA 12" x 24", 3/16" Thickness, Carbon Fiber Plates .....  | 261.72                    |                         |
| 06 51 33 00-0077 EA 12" x 48", 3/16" Thickness, Carbon Fiber Plates .....  | 505.31                    |                         |
| 06 51 33 00-0078 EA 24" x 24", 3/16" Thickness, Carbon Fiber Plates .....  | 505.86                    |                         |
| 06 51 33 00-0079 EA 24" x 48", 3/16" Thickness, Carbon Fiber Plates .....  | 961.62                    |                         |
| 06 51 33 00-0080 EA 38" x 48", 3/16" Thickness, Carbon Fiber Plates .....  | 1,454.97                  |                         |
| 06 51 33 00-0081 EA 38" x 96", 3/16" Thickness, Carbon Fiber Plates .....  | 2,891.81                  |                         |
| 06 51 33 00-0082 EA 6" x 6", 0.197" Thickness, Carbon Fiber Plates .....   | 51.62                     |                         |
| 06 51 33 00-0083 EA 6" x 12", 0.197" Thickness, Carbon Fiber Plates .....  | 96.45                     |                         |
| 06 51 33 00-0084 EA 6" x 24", 0.197" Thickness, Carbon Fiber Plates .....  | 165.44                    |                         |
| 06 51 33 00-0085 EA 12" x 12", 0.197" Thickness, Carbon Fiber Plates ..... | 144.90                    |                         |
| 06 51 33 00-0086 EA 12" x 24", 0.197" Thickness, Carbon Fiber Plates ..... | 290.72                    |                         |
| 06 51 33 00-0087 EA 12" x 48", 0.197" Thickness, Carbon Fiber Plates ..... | 510.14                    |                         |
| 06 51 33 00-0088 EA 24" x 24", 0.197" Thickness, Carbon Fiber Plates ..... | 510.69                    |                         |
| 06 51 33 00-0089 EA 24" x 48", 0.197" Thickness, Carbon Fiber Plates ..... | 968.87                    |                         |
| 06 51 33 00-0090 EA 38" x 48", 0.197" Thickness, Carbon Fiber Plates ..... | 1,471.89                  |                         |
| 06 51 33 00-0091 EA 38" x 96", 0.197" Thickness, Carbon Fiber Plates ..... | 2,922.02                  |                         |
| 06 51 33 00-0092 EA 6" x 6", 1/4" Thickness, Carbon Fiber Plates .....     | 60.08                     |                         |
| 06 51 33 00-0093 EA 6" x 12", 1/4" Thickness, Carbon Fiber Plates .....    | 108.54                    |                         |
| 06 51 33 00-0094 EA 6" x 24", 1/4" Thickness, Carbon Fiber Plates .....    | 181.15                    |                         |
| 06 51 33 00-0095 EA 12" x 12", 1/4" Thickness, Carbon Fiber Plates .....   | 181.15                    |                         |
| 06 51 33 00-0096 EA 12" x 24", 1/4" Thickness, Carbon Fiber Plates .....   | 326.97                    |                         |
| 06 51 33 00-0097 EA 12" x 48", 1/4" Thickness, Carbon Fiber Plates .....   | 624.94                    |                         |
| 06 51 33 00-0098 EA 24" x 24", 1/4" Thickness, Carbon Fiber Plates .....   | 625.49                    |                         |
| 06 51 33 00-0099 EA 24" x 48", 1/4" Thickness, Carbon Fiber Plates .....   | 1,191.21                  |                         |
| 06 51 33 00-0100 EA 38" x 48", 1/4" Thickness, Carbon Fiber Plates .....   | 1,810.24                  |                         |
| 06 51 33 00-0101 EA 38" x 96", 1/4" Thickness, Carbon Fiber Plates .....   | 3,597.52                  |                         |

06 52 Plastic Structural Assemblies (06 50)

06 52 13 Plastic Columns (06 52)

06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

|                                                                |       |      |
|----------------------------------------------------------------|-------|------|
| 06 52 13 00-0002 LF 6" Diameter, Round Fiberglass Column ..... | 19.32 | 6.94 |
|----------------------------------------------------------------|-------|------|

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 52 Plastic Structural Assemblies**

| MINOR<br>CSI UOM DESCRIPTION                                                                    |    |                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 52 13 00-0003                                                                                | LF | 8" Diameter, Round Fiberglass Column.....                                                                      | 27.35                     | 10.10                   |
| 06 52 13 00-0004                                                                                | LF | 10" Diameter, Round Fiberglass Column.....                                                                     | 31.70                     | 11.36                   |
| 06 52 13 00-0005                                                                                | LF | 12" Diameter, Round Fiberglass Column.....                                                                     | 38.74                     | 11.89                   |
| 06 52 13 00-0006                                                                                | LF | 15" Diameter, Round Fiberglass Column.....                                                                     | 47.13                     | 13.73                   |
| 06 52 13 00-0007                                                                                | EA | 6" Diameter, Base And Cap For Round Fiberglass Columns .....                                                   | 37.18                     | 13.15                   |
| 06 52 13 00-0008                                                                                | EA | 8" Diameter, Base And Cap For Round Fiberglass Columns .....                                                   | 41.11                     | 14.20                   |
| 06 52 13 00-0009                                                                                | EA | 10" Diameter, Base And Cap For Round Fiberglass Columns .....                                                  | 48.27                     | 15.78                   |
| 06 52 13 00-0010                                                                                | EA | 12" Diameter, Base And Cap For Round Fiberglass Columns .....                                                  | 65.77                     | 16.83                   |
| 06 52 13 00-0011                                                                                | EA | 15" Diameter, Base And Cap For Round Fiberglass Columns .....                                                  | 89.27                     | 18.41                   |
| <b>06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)</b>                                    |    |                                                                                                                |                           |                         |
| 06 52 13 00-0013                                                                                | LF | 6" Diameter, Fluted Fiberglass Column .....                                                                    | 20.39                     | 6.94                    |
| 06 52 13 00-0014                                                                                | LF | 8" Diameter, Fluted Fiberglass Column .....                                                                    | 28.77                     | 10.10                   |
| 06 52 13 00-0015                                                                                | LF | 10" Diameter, Fluted Fiberglass Column .....                                                                   | 33.49                     | 11.36                   |
| 06 52 13 00-0016                                                                                | LF | 12" Diameter, Fluted Fiberglass Column .....                                                                   | 41.76                     | 11.89                   |
| 06 52 13 00-0017                                                                                | LF | 15" Diameter, Fluted Fiberglass Column .....                                                                   | 51.06                     | 13.78                   |
| 06 52 13 00-0018                                                                                | EA | 6" Diameter, Base And Cap For Fluted Fiberglass Columns .....                                                  | 39.36                     | 13.15                   |
| 06 52 13 00-0019                                                                                | EA | 8" Diameter, Base And Cap For Fluted Fiberglass Columns .....                                                  | 43.66                     | 14.20                   |
| 06 52 13 00-0020                                                                                | EA | 10" Diameter, Base And Cap For Fluted Fiberglass Columns .....                                                 | 51.61                     | 15.78                   |
| 06 52 13 00-0021                                                                                | EA | 12" Diameter, Base And Cap For Fluted Fiberglass Columns .....                                                 | 72.20                     | 16.83                   |
| 06 52 13 00-0022                                                                                | EA | 15" Diameter, Base And Cap For Fluted Fiberglass Columns .....                                                 | 98.56                     | 18.41                   |
| <b>06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)</b> |    |                                                                                                                |                           |                         |
| 06 52 13 00-0024                                                                                | EA | 8" Roman Ionic Cap And Base For Fiberglass Columns .....                                                       | 146.62                    | 15.78                   |
| 06 52 13 00-0025                                                                                | EA | 10" Roman Ionic Cap And Base For Fiberglass Columns .....                                                      | 194.84                    | 18.41                   |
| 06 52 13 00-0026                                                                                | EA | 12" Roman Ionic Cap And Base For Fiberglass Columns .....                                                      | 248.89                    | 21.04                   |
| 06 52 13 00-0027                                                                                | EA | 8" Scamozzi Cap And Base For Fiberglass Columns .....                                                          | 173.56                    | 15.78                   |
| 06 52 13 00-0028                                                                                | EA | 10" Scamozzi Cap And Base For Fiberglass Columns .....                                                         | 208.68                    | 18.41                   |
| 06 52 13 00-0029                                                                                | EA | 12" Scamozzi Cap And Base For Fiberglass Columns .....                                                         | 302.78                    | 21.04                   |
| 06 52 13 00-0030                                                                                | EA | 8" Corinthian Cap And Base For Fiberglass Columns .....                                                        | 217.25                    | 15.78                   |
| 06 52 13 00-0031                                                                                | EA | 10" Corinthian Cap And Base For Fiberglass Columns .....                                                       | 263.29                    | 18.41                   |
| 06 52 13 00-0032                                                                                | EA | 12" Corinthian Cap And Base For Fiberglass Columns .....                                                       | 347.93                    | 21.04                   |
| 06 52 13 00-0033                                                                                | EA | 8" Temple Of Winds Cap And Base For Fiberglass Columns .....                                                   | 148.80                    | 15.78                   |
| 06 52 13 00-0034                                                                                | EA | 10" Temple Of Winds Cap And Base For Fiberglass Columns .....                                                  | 199.21                    | 18.41                   |
| 06 52 13 00-0035                                                                                | EA | 12" Temple Of Winds Cap And Base For Fiberglass Columns .....                                                  | 253.26                    | 21.04                   |
| 06 52 13 00-0036                                                                                | EA | 8" Greek Erechtheum Cap And Base For Fiberglass Columns .....                                                  | 148.80                    | 15.78                   |
| 06 52 13 00-0037                                                                                | EA | 10" Greek Erechtheum Cap And Base For Fiberglass Columns .....                                                 | 178.82                    | 18.41                   |
| 06 52 13 00-0038                                                                                | EA | 12" Greek Erechtheum Cap And Base For Fiberglass Columns .....                                                 | 235.06                    | 21.04                   |
| <b>06 53 Plastic Decking (06 50)</b>                                                            |    |                                                                                                                |                           |                         |
| <b>06 53 16 Plastic Stair Treads (06 53)</b>                                                    |    |                                                                                                                |                           |                         |
| <b>06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads (06 53 16)</b>                   |    |                                                                                                                |                           |                         |
| Note: Includes standard colors and anchors. Excludes stringers.                                 |    |                                                                                                                |                           |                         |
| 06 53 16 00-0002                                                                                | LF | 1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer .....     | 44.37                     | 2.71                    |
| 06 53 16 00-0003                                                                                | LF | 1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer ..... | 60.17                     | 3.25                    |
| 06 53 16 00-0004                                                                                | LF | 2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer .....     | 87.99                     | 3.58                    |
| <b>06 60 Plastic Fabrications (06)</b>                                                          |    |                                                                                                                |                           |                         |
| <b>06 65 Plastic Trim (06 60)</b>                                                               |    |                                                                                                                |                           |                         |
| <b>06 65 00 00-0001 Plastic Moldings (06 65)</b>                                                |    |                                                                                                                |                           |                         |
| Note: All dimensions are nominal.                                                               |    |                                                                                                                |                           |                         |
| <b>06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)</b>                               |    |                                                                                                                |                           |                         |
| 06 65 00 00-0003                                                                                | LF | 3-1/2" High, Base, Plastic Molding .....                                                                       | 6.11                      | 2.16                    |
| 06 65 00 00-0004                                                                                | LF | 4-1/2" High, Base, Plastic Molding .....                                                                       | 7.47                      | 2.71                    |
| 06 65 00 00-0005                                                                                | LF | 3/4" x 1", Base Shoe, Plastic Molding .....                                                                    | 5.73                      | 2.28                    |
| <b>06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)</b>                            |    |                                                                                                                |                           |                         |
| 06 65 00 00-0007                                                                                | LF | 1" x 2" Cornice, Plastic Molding .....                                                                         | 5.66                      | 2.16                    |
| 06 65 00 00-0008                                                                                | LF | 1" x 4" Cornice, Plastic Molding .....                                                                         | 6.91                      | 2.28                    |
| 06 65 00 00-0009                                                                                | LF | 1" x 6" Cornice, Plastic Molding .....                                                                         | 9.26                      | 2.39                    |
| 06 65 00 00-0010                                                                                | LF | 1" x 8" Cornice, Plastic Molding .....                                                                         | 10.59                     | 2.50                    |
| 06 65 00 00-0011                                                                                | LF | 1" x 10" Cornice, Plastic Molding .....                                                                        | 12.10                     | 2.61                    |
| 06 65 00 00-0012                                                                                | LF | 1" x 12" Cornice, Plastic Molding .....                                                                        | 15.31                     | 2.71                    |
| <b>06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)</b>                       |    |                                                                                                                |                           |                         |
| 06 65 00 00-0014                                                                                | LF | 9/16" x 1-5/8" Crown Or Bed, Plastic Molding .....                                                             | 9.65                      | 2.16                    |
| 06 65 00 00-0015                                                                                | LF | 9/16" x 2-1/4" Crown Or Bed, Plastic Molding .....                                                             | 12.86                     | 2.71                    |
| 06 65 00 00-0016                                                                                | LF | 9/16" x 3-1/2" Crown Or Bed, Plastic Molding .....                                                             | 13.37                     | 2.71                    |
| 06 65 00 00-0017                                                                                | LF | 9/16" x 3-5/8" Crown Or Bed, Plastic Molding .....                                                             | 13.88                     | 2.71                    |
| 06 65 00 00-0018                                                                                | LF | 5/8" x 4-1/4" Crown Or Bed, Plastic Molding .....                                                              | 18.01                     | 3.25                    |



|                                |  |       |
|--------------------------------|--|-------|
| Wood, Plastics, and Composites |  | 06    |
| Plastic Fabrications           |  | 06 60 |
| Plastic Trim                   |  | 06 65 |

| MINOR<br>CSI UOM DESCRIPTION                                         |    |                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 65 00 00-0019                                                     | LF | 11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....                                        | 21.17                     | 3.25                    |
| 06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)         |    |                                                                                           |                           |                         |
| 06 65 00 00-0021                                                     | LF | 11/16" x 1-3/8" Dentil, Plastic Molding .....                                             | 8.29                      | 2.16                    |
| 06 65 00 00-0022                                                     | LF | 5/8" x 2-1/2" Dentil, Plastic Molding .....                                               | 9.26                      | 2.16                    |
| 06 65 00 00-0023                                                     | LF | 1-3/8" x 3-3/8" Dentil, Plastic Molding .....                                             | 11.44                     | 2.16                    |
| 06 65 00 00-0024                                                     | LF | 1-1/2" x 4-1/2" Dentil, Plastic Molding .....                                             | 15.20                     | 2.16                    |
| 06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)           |    |                                                                                           |                           |                         |
| 06 65 00 00-0026                                                     | LF | 3/8" x 3/8" Cove, Plastic Molding .....                                                   | 3.25                      | 1.20                    |
| 06 65 00 00-0027                                                     | LF | 1/2" x 1/2" Cove, Plastic Molding .....                                                   | 3.51                      | 1.20                    |
| 06 65 00 00-0028                                                     | LF | 5/8" x 5/8" Cove, Plastic Molding .....                                                   | 4.59                      | 1.41                    |
| 06 65 00 00-0029                                                     | LF | 3/4" x 3/4" Cove, Plastic Molding .....                                                   | 4.59                      | 1.41                    |
| 06 65 00 00-0030                                                     | LF | 15/16" x 15/16" Cove, Plastic Molding .....                                               | 5.71                      | 1.41                    |
| 06 65 00 00-0031                                                     | LF | 9/16" x 1-3/4" Cove, Plastic Molding .....                                                | 7.43                      | 1.63                    |
| 06 65 00 00-0032                                                     | LF | 11/16" x 2-3/4" Cove, Plastic Molding .....                                               | 9.82                      | 1.63                    |
| 06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)     |    |                                                                                           |                           |                         |
| 06 65 00 00-0034                                                     | LF | 1/2" x 1-5/8" Chair Rail, Plastic Molding .....                                           | 5.37                      | 1.63                    |
| 06 65 00 00-0035                                                     | LF | 5/8" x 2-1/2" Chair Rail, Plastic Molding .....                                           | 7.24                      | 2.16                    |
| 06 65 00 00-0036                                                     | LF | 5/8" x 3-1/2" Chair Rail, Plastic Molding .....                                           | 8.71                      | 2.16                    |
| 06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)           |    |                                                                                           |                           |                         |
| 06 65 00 00-0038                                                     | LF | 1-1/8" Wide, Door, Plastic Molding .....                                                  | 4.78                      | 1.95                    |
| 06 65 00 00-0039                                                     | LF | 1-1/8" Wide, Detailed Door, Plastic Molding .....                                         | 4.81                      | 1.95                    |
| 06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)           |    |                                                                                           |                           |                         |
| 06 65 00 00-0041                                                     | LF | 1/2" x 1/2" Quarter Round Trim, Plastic Molding.....                                      | 5.07                      | 2.28                    |
| 06 65 00 00-0042                                                     | LF | 3/4" x 3/4" Quarter Round Trim, Plastic Molding.....                                      | 7.07                      | 2.28                    |
| 06 65 00 00-0043                                                     | LF | 1-1/4" x 2" Brick Mould, Plastic Molding .....                                            | 6.52                      | 2.16                    |
| 06 65 00 00-0044                                                     | LF | 1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....                                | 7.54                      | 2.16                    |
| 06 65 00 00-0045                                                     | LF | 11/16" x 1-5/8" Drip Cap, Plastic Molding .....                                           | 5.53                      | 2.16                    |
| 06 65 00 00-0046                                                     | LF | 2-3/4" x 2" Water Table, Plastic Molding.....                                             | 8.28                      | 2.16                    |
| 06 65 00 00-0047                                                     | LF | 3/8" x 2" Garage Door Stop, Plastic Molding .....                                         | 6.09                      | 2.16                    |
| 06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65) |    |                                                                                           |                           |                         |
| Note: As manufactured by Azek or Kleer. All dimensions are nominal.  |    |                                                                                           |                           |                         |
| 06 65 00 00-0049                                                     | LF | 1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                  | 4.02                      | 0.87                    |
| 06 65 00 00-0050                                                     | LF | 1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                  | 5.77                      | 0.98                    |
| 06 65 00 00-0051                                                     | LF | 1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                  | 7.56                      | 1.09                    |
| 06 65 00 00-0052                                                     | LF | 1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                 | 9.10                      | 1.11                    |
| 06 65 00 00-0053                                                     | LF | 1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                 | 10.80                     | 1.14                    |
| 06 65 00 00-0054                                                     | LF | 5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                | 4.93                      | 0.87                    |
| 06 65 00 00-0055                                                     | LF | 5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                | 7.17                      | 0.98                    |
| 06 65 00 00-0056                                                     | LF | 5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....                                | 9.12                      | 1.09                    |
| 06 65 00 00-0057                                                     | LF | 5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....                               | 11.24                     | 1.11                    |
| 06 65 00 00-0058                                                     | LF | 5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....                               | 13.19                     | 1.14                    |
| 06 65 00 00-0059                                                     | LF | 3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board .....                      | 10.75                     | 1.11                    |
| 06 65 00 00-0060                                                     | LF | 5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board .....                      | 14.26                     | 1.14                    |
| 06 65 00 00-0061                                                     | SF | 1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....           | 7.53                      | 0.98                    |
| 06 65 00 00-0062                                                     | SF | 3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....           | 10.84                     | 1.09                    |
| 06 70 Structural Composites (06)                                     |    |                                                                                           |                           |                         |
| 06 74 Composite Gratings (06 70)                                     |    |                                                                                           |                           |                         |
| 06 74 13 Fiberglass Reinforced Gratings (06 74)                      |    |                                                                                           |                           |                         |
| 06 74 13 00-0001 Molded Fiberglass Gratings And Coverings (06 74 13) |    |                                                                                           |                           |                         |
| 06 74 13 00-0002 Vi-Corr Resin System (06 74 13 00-0001)             |    |                                                                                           |                           |                         |
| Note: Orange or dark gray.                                           |    |                                                                                           |                           |                         |
| 06 74 13 00-0003                                                     | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....                | 46.48                     | 1.95                    |
| 06 74 13 00-0004                                                     | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....          | 45.13                     | 1.95                    |
| 06 74 13 00-0005                                                     | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....      | 59.04                     | 1.95                    |
| 06 74 13 00-0006                                                     | SF | 2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....                | 63.86                     | 2.49                    |
| 06 74 13 00-0007                                                     | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top .....         | 48.80                     | 1.95                    |
| 06 74 13 00-0008                                                     | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top .....     | 47.40                     | 1.95                    |
| 06 74 13 00-0009                                                     | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top ..... | 62.39                     | 1.95                    |
| 06 74 13 00-0010                                                     | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top .....         | 67.02                     | 2.49                    |
| 06 74 13 00-0011                                                     | SF | 1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....                              | 44.10                     | 1.56                    |
| 06 74 13 00-0012                                                     | SF | 1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....                              | 71.65                     | 1.71                    |
| 06 74 13 00-0013                                                     | SF | 3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....                              | 98.29                     | 1.88                    |

**06 Wood, Plastics, and Composites****06 70 Structural Composites****06 74 Composite Gratings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                                                     |    |                                                                                                                  |             |
|-----------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------|-------------|
| 06 74 13 00-0014                                    |    | IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)                                                          |             |
| 06 74 13 00-0015                                    | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top .....               | 42.71 1.95  |
| 06 74 13 00-0016                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top .....         | 39.97 1.95  |
| 06 74 13 00-0017                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top .....     | 51.57 1.95  |
| 06 74 13 00-0018                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top .....             | 55.57 2.49  |
| 06 74 13 00-0019                                    | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top .....         | 44.61 1.95  |
| 06 74 13 00-0020                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top .....     | 41.05 1.95  |
| 06 74 13 00-0021                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top ..... | 55.98 2.49  |
| 06 74 13 00-0022                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top .....         | 58.70 2.49  |
| 06 74 13 00-0023                                    | SF | 1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering .....                             | 38.83 1.56  |
| 06 74 13 00-0024                                    | SF | 1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering .....                             | 55.10 1.71  |
| 06 74 13 00-0025                                    | SF | 3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering .....                             | 75.80 1.88  |
| 06 74 13 00-0026                                    |    | Corvex Polyester Resin (06 74 13 00-0001)                                                                        |             |
| Note: Dark gray.                                    |    |                                                                                                                  |             |
| 06 74 13 00-0027                                    | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top .....                             | 36.17 1.95  |
| 06 74 13 00-0028                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top .....                       | 34.72 1.95  |
| 06 74 13 00-0029                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top .....                   | 42.19 1.95  |
| 06 74 13 00-0030                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top .....                           | 48.46 2.49  |
| 06 74 13 00-0031                                    | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top .....                       | 38.57 1.95  |
| 06 74 13 00-0032                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top .....                   | 37.11 1.95  |
| 06 74 13 00-0033                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top .....               | 44.98 1.95  |
| 06 74 13 00-0034                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top .....                       | 50.85 2.49  |
| 06 74 13 00-0035                                    | SF | 1/4" Corvex Polyester Resin, Fiberplate Covering .....                                                           | 34.24 1.56  |
| 06 74 13 00-0036                                    | SF | 1/2" Corvex Polyester Resin, Fiberplate Covering .....                                                           | 54.85 1.71  |
| 06 74 13 00-0037                                    | SF | 3/4" Corvex Polyester Resin, Fiberplate Covering .....                                                           | 76.20 1.88  |
| 06 74 13 00-0038                                    |    | XFR Extra Fire Retardant (06 74 13 00-0001)                                                                      |             |
| 06 74 13 00-0039                                    | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top .....                           | 53.44 1.95  |
| 06 74 13 00-0040                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top .....                     | 51.87 1.95  |
| 06 74 13 00-0041                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top .....                 | 71.18 1.95  |
| 06 74 13 00-0042                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top .....                         | 75.97 2.49  |
| 06 74 13 00-0043                                    | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, XFR Extra Fire Retardant, Applied Grit Top .....                     | 55.79 1.95  |
| 06 74 13 00-0044                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top .....                 | 54.26 1.95  |
| 06 74 13 00-0045                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top .....             | 73.97 1.95  |
| 06 74 13 00-0046                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top .....                     | 79.35 2.49  |
| 06 74 13 00-0047                                    | SF | 1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering .....                                                   | 50.57 1.56  |
| 06 74 13 00-0048                                    | SF | 1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering .....                                                   | 82.00 1.71  |
| 06 74 13 00-0049                                    |    | ELS Extremely Low Smoke Resin (06 74 13 00-0001)                                                                 |             |
| 06 74 13 00-0050                                    | SF | 1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top .....                      | 54.82 1.95  |
| 06 74 13 00-0051                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top .....                | 53.14 1.95  |
| 06 74 13 00-0052                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top .....            | 69.26 1.95  |
| 06 74 13 00-0053                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top .....                    | 74.15 2.49  |
| 06 74 13 00-0054                                    | SF | 1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top .....                | 57.00 1.95  |
| 06 74 13 00-0055                                    | SF | 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top .....            | 55.62 1.95  |
| 06 74 13 00-0056                                    | SF | 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top .....        | 71.95 1.95  |
| 06 74 13 00-0057                                    | SF | 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top .....                | 76.87 2.49  |
| 06 74 13 00-0058                                    | SF | 1/4" ELS Extremely Low Smoke Resin, Fiberplate Covering .....                                                    | 56.57 1.56  |
| 06 74 13 00-0059                                    | SF | 1/2" ELS Extremely Low Smoke Resin, Fiberplate Covering .....                                                    | 102.28 1.71 |
| 06 74 13 00-0060                                    |    | Pultruded Fiberglass Grating (06 74 13)                                                                          |             |
| 06 74 13 00-0061                                    |    | ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)                                                      |             |
| Note: For moderately corrosive environments, green. |    |                                                                                                                  |             |
| 06 74 13 00-0062                                    |    | 1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)                                                   |             |
| 06 74 13 00-0063                                    | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....                   | 38.84 2.49  |
| 06 74 13 00-0064                                    | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....                  | 34.41 1.95  |
| 06 74 13 00-0065                                    | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin .....                   | 43.98 2.49  |
| 06 74 13 00-0066                                    | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin .....                  | 40.63 1.95  |
| 06 74 13 00-0067                                    | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin .....                   | 30.18 2.49  |
| 06 74 13 00-0068                                    | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin .....                  | 26.68 1.95  |
| 06 74 13 00-0069                                    | SF | 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin .....                   | 34.65 2.49  |
| 06 74 13 00-0070                                    | SF | 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin .....                  | 31.23 1.95  |
| 06 74 13 00-0071                                    |    | 1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)                                               |             |
| 06 74 13 00-0072                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....               | 43.93 2.49  |
| 06 74 13 00-0073                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....              | 39.62 1.95  |
| 06 74 13 00-0074                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin .....               | 49.44 2.49  |
| 06 74 13 00-0075                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin .....              | 46.35 1.95  |
| 06 74 13 00-0076                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin .....               | 38.56 2.49  |
| 06 74 13 00-0077                                    | SF | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin .....              | 35.14 1.95  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 06 74 13 00-0078 |     |     | 2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)                                                                                                                                              |                        |                      |
| 06 74 13 00-0079 | SF  |     | 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....                                                                                                              | 37.94                  | 2.49                 |
| 06 74 13 00-0080 | SF  |     | 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin .....                                                                                                             | 42.05                  | 2.49                 |
| 06 74 13 00-0081 | SF  |     | 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin .....                                                                                                              | 50.97                  | 2.49                 |
| 06 74 13 00-0082 | SF  |     | 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin .....                                                                                                             | 48.06                  | 2.49                 |
| 06 74 13 00-0083 |     |     | VERF Vinyl Ester Resin System (06 74 13 00-0060)                                                                                                                                                            |                        |                      |
| 06 74 13 00-0084 |     |     | 1" VERF Vinyl Ester Resin System (06 74 13 00-0083)                                                                                                                                                         |                        |                      |
| 06 74 13 00-0085 | SF  |     | 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 41.16                  | 1.95                 |
| 06 74 13 00-0086 | SF  |     | 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 36.74                  | 1.95                 |
| 06 74 13 00-0087 | SF  |     | 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 46.35                  | 1.95                 |
| 06 74 13 00-0088 | SF  |     | 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 53.30                  | 1.95                 |
| 06 74 13 00-0089 | SF  |     | 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 31.46                  | 1.95                 |
| 06 74 13 00-0090 | SF  |     | 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 28.06                  | 1.95                 |
| 06 74 13 00-0091 | SF  |     | 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 36.20                  | 1.95                 |
| 06 74 13 00-0092 | SF  |     | 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 33.17                  | 1.95                 |
| 06 74 13 00-0093 |     |     | 1-1/2" VERF Vinyl Ester Resin System (06 74 13 00-0083)                                                                                                                                                     |                        |                      |
| 06 74 13 00-0094 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                     | 45.24                  | 1.95                 |
| 06 74 13 00-0095 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                    | 40.88                  | 1.95                 |
| 06 74 13 00-0096 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin .....                                                                                                                     | 51.80                  | 1.95                 |
| 06 74 13 00-0097 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin .....                                                                                                                    | 48.33                  | 1.95                 |
| 06 74 13 00-0098 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin .....                                                                                                                     | 40.60                  | 1.95                 |
| 06 74 13 00-0099 | SF  |     | 1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin .....                                                                                                                    | 37.35                  | 1.95                 |
| 06 74 13 00-0100 |     |     | 2" VERF Vinyl Ester Resin System (06 74 13 00-0083)                                                                                                                                                         |                        |                      |
| 06 74 13 00-0101 | SF  |     | 2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 39.89                  | 2.49                 |
| 06 74 13 00-0102 | SF  |     | 2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 36.73                  | 2.49                 |
| 06 74 13 00-0103 | SF  |     | 2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin .....                                                                                                                         | 53.71                  | 2.49                 |
| 06 74 13 00-0104 | SF  |     | 2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin .....                                                                                                                        | 52.14                  | 2.49                 |
| 06 80            |     |     | Composite Fabrications (06)                                                                                                                                                                                 |                        |                      |
| 06 81            |     |     | Composite Railings (06 80)                                                                                                                                                                                  |                        |                      |
| 06 81 13         |     |     | Glass-Fiber-Reinforced Plastic Railings (06 81)                                                                                                                                                             |                        |                      |
| 06 81 13 00-0001 |     |     | Fiberglass Handrail Assemblies (06 81 13)                                                                                                                                                                   |                        |                      |
|                  |     |     | Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.                                                                       |                        |                      |
| 06 81 13 00-0002 | LF  |     | Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly ..... | 77.62                  | 21.67                |
|                  |     |     | For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add                                                                                                                                                | 3.00                   |                      |
|                  |     |     | For Sloped Floor Installation, Add                                                                                                                                                                          | 6.05                   |                      |
|                  |     |     | For Stair Installation (Without Kick Plates), Add                                                                                                                                                           | 11.24                  |                      |
| 06 81 13 00-0003 | LF  |     | Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly .....  | 88.36                  | 20.31                |
| 06 81 13 00-0004 | LF  |     | Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly .....                | 82.95                  | 27.09                |
| 06 81 13 00-0005 |     |     | Fiberglass Handrail Components (06 81 13)                                                                                                                                                                   |                        |                      |
|                  |     |     | Note: This section is only to be used when entire handrail assembly is not required.                                                                                                                        |                        |                      |
| 06 81 13 00-0006 | LF  |     | Fiberglass Kick Plate (12' Sections) With Splice Kit .....                                                                                                                                                  | 18.24                  | 5.42                 |
| 06 81 13 00-0007 | LF  |     | Fiberglass Kick Plate (24' sections) With Splice Kit .....                                                                                                                                                  | 16.19                  | 5.42                 |
| 06 81 13 00-0008 | EA  |     | Fiberglass Side Mount Post For Handrail .....                                                                                                                                                               | 177.77                 | 32.50                |
| 06 81 13 00-0009 | EA  |     | Fiberglass Top Mount Post For Handrail With Stainless Steel Base .....                                                                                                                                      | 207.25                 | 21.67                |
| 06 81 13 00-0010 | LF  |     | Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections) .....                                                                                                                    | 19.80                  | 6.50                 |
| 06 81 13 00-0011 | LF  |     | Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections) .....                                                                                                                    | 18.73                  | 6.50                 |
| 06 81 13 00-0012 | LF  |     | Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections) .....                                                                                                                   | 20.32                  | 6.50                 |
| 06 82            |     |     | Composite Trim (06 80)                                                                                                                                                                                      |                        |                      |
| 06 82 00 00-0001 |     |     | Fiberglass Castings (06 82)                                                                                                                                                                                 |                        |                      |
| 06 82 00 00-0002 |     |     | Fiberglass Angle, Equal Legs (06 82 00 00-0001)                                                                                                                                                             |                        |                      |
| 06 82 00 00-0003 | LF  |     | 1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....                                                                                                                              | 9.47                   | 3.25                 |
| 06 82 00 00-0004 | LF  |     | 1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....                                                                                                                                         | 9.96                   | 3.25                 |
| 06 82 00 00-0005 | LF  |     | 3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....                                                                                                                              | 18.13                  | 3.90                 |
| 06 82 00 00-0006 | LF  |     | 3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....                                                                                                                                         | 20.10                  | 3.90                 |
| 06 82 00 00-0007 | LF  |     | 4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....                                                                                                                              | 20.23                  | 3.90                 |
| 06 82 00 00-0008 | LF  |     | 4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....                                                                                                                                         | 21.66                  | 3.90                 |
| 06 82 00 00-0009 | LF  |     | 4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....                                                                                                                              | 23.58                  | 3.90                 |

**06 Wood, Plastics, and Composites****06 80 Composite Fabrications****06 82 Composite Trim**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                |       |      |
|------------------|----|--------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0010 | LF | 4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....             | 26.63 | 3.90 |
| 06 82 00 00-0011 | LF | 6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin ..... | 64.65 | 4.88 |
| 06 82 00 00-0012 | LF | 6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....             | 74.50 | 4.88 |

**06 82 00 00-0013 Fiberglass Channels** (06 82 00 00-0001)

|                  |    |                                                                                 |       |      |
|------------------|----|---------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0014 | LF | 3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....       | 10.91 | 4.88 |
| 06 82 00 00-0015 | LF | 3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....                  | 11.40 | 4.88 |
| 06 82 00 00-0016 | LF | 4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....   | 23.53 | 5.52 |
| 06 82 00 00-0017 | LF | 4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin .....             | 23.53 | 5.52 |
| 06 82 00 00-0018 | LF | 6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin..... | 37.37 | 5.52 |
| 06 82 00 00-0019 | LF | 6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....            | 43.59 | 5.52 |
| 06 82 00 00-0020 | LF | 8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....  | 35.05 | 5.52 |
| 06 82 00 00-0021 | LF | 8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin .....            | 42.34 | 5.52 |
| 06 82 00 00-0022 | LF | 10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....  | 53.37 | 7.59 |
| 06 82 00 00-0023 | LF | 10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin.....             | 61.40 | 7.59 |

**06 82 00 00-0024 Fiberglass Wide Flange Beams** (06 82 00 00-0001)

|                  |    |                                                                                      |        |       |
|------------------|----|--------------------------------------------------------------------------------------|--------|-------|
| 06 82 00 00-0025 | LF | 4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....   | 32.09  | 6.50  |
| 06 82 00 00-0026 | LF | 4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....              | 35.19  | 6.50  |
| 06 82 00 00-0027 | LF | 6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....   | 41.15  | 7.80  |
| 06 82 00 00-0028 | LF | 6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....              | 42.64  | 7.80  |
| 06 82 00 00-0029 | LF | 8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....   | 66.90  | 9.75  |
| 06 82 00 00-0030 | LF | 8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....              | 84.42  | 9.75  |
| 06 82 00 00-0031 | LF | 10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin..... | 150.47 | 11.92 |
| 06 82 00 00-0032 | LF | 10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....            | 169.62 | 11.92 |

**06 82 00 00-0033 Fiberglass Flat Sheet** (06 82 00 00-0001)

Note: Not to be used for bathroom board.

|                  |    |                                                                           |       |      |
|------------------|----|---------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0034 | SF | 1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin ..... | 26.48 | 5.52 |
| 06 82 00 00-0035 | SF | 1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....            | 27.70 | 5.52 |
| 06 82 00 00-0036 | SF | 1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin ..... | 42.03 | 6.50 |
| 06 82 00 00-0037 | SF | 1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....            | 48.54 | 6.50 |
| 06 82 00 00-0038 | SF | 3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin ..... | 57.22 | 7.80 |
| 06 82 00 00-0039 | SF | 3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....            | 66.99 | 7.80 |
| 06 82 00 00-0040 | SF | 1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin ..... | 77.30 | 9.75 |
| 06 82 00 00-0041 | SF | 1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....            | 92.25 | 9.75 |

**06 82 00 00-0042 Fiberglass Bars** (06 82 00 00-0001)**06 82 00 00-0043 Square Bars** (06 82 00 00-0042)

|                  |    |                                                                                    |       |      |
|------------------|----|------------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0044 | LF | 1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin .....       | 15.64 | 3.90 |
| 06 82 00 00-0045 | LF | 1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin .....   | 22.66 | 5.74 |
| 06 82 00 00-0046 | LF | 1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin ..... | 26.62 | 7.59 |

**06 82 00 00-0047 Round Bars** (06 82 00 00-0042)

|                  |    |                                                                                     |       |      |
|------------------|----|-------------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0048 | LF | 1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....    | 9.91  | 3.25 |
| 06 82 00 00-0049 | LF | 1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin .....     | 21.65 | 4.88 |
| 06 82 00 00-0050 | LF | 1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin .....                | 24.61 | 4.88 |
| 06 82 00 00-0051 | LF | 1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin ..... | 32.92 | 4.88 |
| 06 82 00 00-0052 | LF | 1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin ..... | 39.38 | 5.52 |

**06 82 00 00-0053 Fiberglass Tubes** (06 82 00 00-0001)**06 82 00 00-0054 Square Tube** (06 82 00 00-0053)

|                  |    |                                                                                     |       |      |
|------------------|----|-------------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0055 | LF | 1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin..... | 11.25 | 3.25 |
| 06 82 00 00-0056 | LF | 1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....           | 12.21 | 3.25 |
| 06 82 00 00-0057 | LF | 2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin..... | 16.81 | 3.90 |
| 06 82 00 00-0058 | LF | 2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....           | 18.50 | 3.90 |
| 06 82 00 00-0059 | LF | 3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin..... | 32.55 | 4.88 |
| 06 82 00 00-0060 | LF | 3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....           | 36.46 | 4.88 |
| 06 82 00 00-0061 | LF | 4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin..... | 38.29 | 5.85 |
| 06 82 00 00-0062 | LF | 4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....           | 49.17 | 5.85 |

**06 82 00 00-0063 Round Tube** (06 82 00 00-0053)

|                  |    |                                                                                         |       |      |
|------------------|----|-----------------------------------------------------------------------------------------|-------|------|
| 06 82 00 00-0064 | LF | 1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin ..... | 10.74 | 3.25 |
| 06 82 00 00-0065 | LF | 1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....             | 11.18 | 3.25 |
| 06 82 00 00-0066 | LF | 2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin ..... | 20.57 | 3.90 |
| 06 82 00 00-0067 | LF | 2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....             | 22.01 | 3.90 |

**06 82 00 00-0068 Fiberglass Threaded Rods** (06 82 00 00-0001)

|                  |    |                                                                     |       |      |
|------------------|----|---------------------------------------------------------------------|-------|------|
| 06 82 00 00-0069 | LF | 3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin ..... | 14.89 | 2.49 |
| 06 82 00 00-0070 | LF | 1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin ..... | 15.89 | 2.49 |





|                                |  |       |
|--------------------------------|--|-------|
| Wood, Plastics, and Composites |  | 06    |
| Composite Fabrications         |  | 06 80 |
| Composite Trim                 |  | 06 82 |

06

| MINOR<br>CSI UOM DESCRIPTION                                              |    |                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 06 82 00 00-0071                                                          | LF | 5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....                    | 18.24                     | 2.82                    |
| 06 82 00 00-0072                                                          | LF | 3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....                    | 20.16                     | 2.82                    |
| 06 82 00 00-0073                                                          | LF | 1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....                      | 22.34                     | 2.82                    |
| 06 82 00 00-0074 Grating Support Legs, VEFR Resin (06 82 00 00-0001)      |    |                                                                                       |                           |                         |
| 06 82 00 00-0075                                                          | EA | Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings .....  | 16.27                     |                         |
| 06 82 00 00-0076                                                          | EA | Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings .....  | 6.97                      |                         |
| 06 82 00 00-0077                                                          | EA | Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....        | 26.22                     |                         |
| 06 82 00 00-0078 Fiberglass Netting (06 82 00 00-0001)                    |    |                                                                                       |                           |                         |
| 06 82 00 00-0079                                                          | SF | 1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting .....                             | 0.81                      | 0.39                    |
| 06 82 00 00-0080                                                          | SF | 1/2" x 2" Mesh, Clear Flexible Fiberglass Netting .....                               | 0.81                      | 0.39                    |
| 06 82 00 00-0081                                                          | SF | 3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting .....                             | 0.81                      | 0.39                    |
| 06 82 00 00-0082                                                          | SF | 7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting .....                             | 0.81                      | 0.39                    |
| 06 82 00 00-0083                                                          | SF | 1" x 1" Mesh, Clear Flexible Fiberglass Netting .....                                 | 0.81                      | 0.39                    |
| 06 82 00 00-0084                                                          | SF | 1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....                              | 0.80                      | 0.39                    |
| 06 82 00 00-0085                                                          | SF | 1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....                                | 0.80                      | 0.39                    |
| 06 82 00 00-0086                                                          | SF | 3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....                              | 0.80                      | 0.39                    |
| 06 82 00 00-0087                                                          | SF | 7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....                              | 0.80                      | 0.39                    |
| 06 82 00 00-0088                                                          | SF | 1" x 1" Mesh, Green Flexible Fiberglass Netting.....                                  | 0.80                      | 0.39                    |
| 06 82 00 00-0089 Fiberglass Stair Treads (06 82)                          |    |                                                                                       |                           |                         |
| 06 82 00 00-0090 Fiberglass Stair Treads (06 82 00 00-0089)               |    |                                                                                       |                           |                         |
| 06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090) |    |                                                                                       |                           |                         |
| 06 82 00 00-0092                                                          | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....      | 103.92                    | 17.01                   |
| 06 82 00 00-0093                                                          | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System .....     | 121.44                    | 17.01                   |
| 06 82 00 00-0094                                                          | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System .....     | 138.95                    | 17.01                   |
| 06 82 00 00-0095                                                          | EA | 1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....      | 156.47                    | 17.01                   |
| 06 82 00 00-0096                                                          | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System ..... | 114.43                    | 17.01                   |
| 06 82 00 00-0097                                                          | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System ..... | 134.57                    | 17.01                   |
| 06 82 00 00-0098                                                          | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System ..... | 154.72                    | 17.01                   |
| 06 82 00 00-0099                                                          | EA | 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....  | 174.86                    | 17.01                   |
| 06 82 00 00-0100                                                          | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System .....     | 130.55                    | 17.01                   |
| 06 82 00 00-0101                                                          | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System .....     | 154.72                    | 17.01                   |
| 06 82 00 00-0102                                                          | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....      | 178.89                    | 17.01                   |
| 06 82 00 00-0103                                                          | EA | 2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....      | 203.06                    | 17.01                   |
| 06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)     |    |                                                                                       |                           |                         |
| 06 82 00 00-0105                                                          | EA | 1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System .....         | 113.93                    | 17.01                   |
| 06 82 00 00-0106                                                          | EA | 1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....         | 133.95                    | 17.01                   |
| 06 82 00 00-0107                                                          | EA | 1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....         | 153.97                    | 17.01                   |
| 06 82 00 00-0108                                                          | EA | 1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System .....         | 173.99                    | 17.01                   |
| 06 82 00 00-0109                                                          | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....      | 125.95                    | 17.01                   |
| 06 82 00 00-0110                                                          | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....     | 148.96                    | 17.01                   |
| 06 82 00 00-0111                                                          | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....     | 171.99                    | 17.01                   |
| 06 82 00 00-0112                                                          | EA | 1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....      | 195.01                    | 17.01                   |
| 06 82 00 00-0113                                                          | EA | 2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System .....         | 144.36                    | 17.01                   |
| 06 82 00 00-0114                                                          | EA | 2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....         | 171.99                    | 17.01                   |
| 06 82 00 00-0115                                                          | EA | 2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....         | 199.61                    | 17.01                   |
| 06 82 00 00-0116                                                          | EA | 2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System .....         | 227.24                    | 17.01                   |
| 06 82 00 00-0117 Other Fiberglass (06 82)                                 |    |                                                                                       |                           |                         |
| 06 82 00 00-0118 Fiberglass Splash Blocks (06 82 00 00-0117)              |    |                                                                                       |                           |                         |
| 06 82 00 00-0119                                                          | EA | Standard Size Fiberglass Splash Block.....                                            | 19.12                     | 3.89                    |
| 06 83 Composite Paneling (06 80)                                          |    |                                                                                       |                           |                         |
| 06 83 16 Fiberglass Reinforced Paneling (06 83)                           |    |                                                                                       |                           |                         |
| 06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)  |    |                                                                                       |                           |                         |
| Note: Includes adhesive and trim.                                         |    |                                                                                       |                           |                         |
| 06 83 16 00-0002                                                          | SF | Fiberglass Reinforced Polyester (FRP) Paneling.....                                   | 4.09                      | 1.95                    |
| Note: Including Adhesive And Trim                                         |    |                                                                                       |                           |                         |

END OF SECTION 06

|    |       |                                |
|----|-------|--------------------------------|
| 06 | 06    | Wood, Plastics, and Composites |
|    | 06 80 | Composite Fabrications         |
|    | 06 83 | Composite Paneling             |



| MINOR |     |             | TOTAL DIRECT |  | DEMOLITION |
|-------|-----|-------------|--------------|--|------------|
| CSI   | UOM | DESCRIPTION | UNIT COST    |  | UNIT COST  |

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NOT FOR BID



| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 07 Thermal And Moisture Protection

### 07 01 Operation and Maintenance of Thermal and Moisture Protection<sup>(07)</sup>

#### 07 01 50 Maintenance of Membrane Roofing<sup>(07 01)</sup>

##### 07 01 50 19 Preparation for Re-Roofing<sup>(07 01 50)</sup>

###### 07 01 50 19-0001 Preparation For Re-Roofing<sup>(07 01 50 19)</sup>

|                  |    |                                                                    |        |
|------------------|----|--------------------------------------------------------------------|--------|
| 07 01 50 19-0002 | SQ | Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal ..... | 82.13  |
| 07 01 50 19-0003 | SQ | Removal Of Gravel Ballast From Roof, Vacuum And Disposal .....     | 143.70 |

##### 07 01 50 81 Roof Replacement<sup>(07 01 50)</sup>

###### 07 01 50 81-0001 Roof Repair<sup>(07 01 50 81)</sup>

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

|                  |    |                                                   |       |
|------------------|----|---------------------------------------------------|-------|
| 07 01 50 81-0002 | SF | Up To 10 SF Roof Repair, Built-Up Roofing .....   | 20.09 |
| 07 01 50 81-0003 | SF | >10 To 25 SF Roof Repair, Built-Up Roofing .....  | 17.87 |
| 07 01 50 81-0004 | SF | >25 To 50 SF Roof Repair, Built-Up Roofing .....  | 16.20 |
| 07 01 50 81-0005 | SF | >50 To 100 SF Roof Repair, Built-Up Roofing ..... | 15.07 |
| 07 01 50 81-0006 | SF | Up To 10 SF Roof Repair, Membrane Roofing .....   | 22.33 |
| 07 01 50 81-0007 | SF | >10 To 25 SF Roof Repair, Membrane Roofing .....  | 20.12 |
| 07 01 50 81-0008 | SF | >25 To 50 SF Roof Repair, Membrane Roofing .....  | 18.45 |
| 07 01 50 81-0009 | SF | >50 To 100 SF Roof Repair, Membrane Roofing ..... | 17.32 |
| 07 01 50 81-0010 | SF | Up To 10 SF Roof Repair, Shingle Roofing .....    | 17.85 |
| 07 01 50 81-0011 | SF | >10 To 25 SF Roof Repair, Shingle Roofing .....   | 15.86 |
| 07 01 50 81-0012 | SF | >25 To 50 SF Roof Repair, Shingle Roofing .....   | 14.41 |
| 07 01 50 81-0013 | SF | >50 To 100 SF Roof Repair, Shingle Roofing .....  | 13.51 |
| 07 01 50 81-0014 | LF | Heat Weld Roofing Seams For Repair .....          | 7.00  |

###### 07 01 50 81-0015 Emergency Roof Patch<sup>(07 01 50 81)</sup>

Note: 4 Hour response time.

|                  |    |                                                |        |
|------------------|----|------------------------------------------------|--------|
| 07 01 50 81-0016 | EA | Mobilize For Emergency Roof Patching .....     | 687.92 |
| 07 01 50 81-0017 | EA | Granule Emergency Roof Patch Cover 16 SF ..... | 79.26  |

###### 07 01 50 81-0018 Adhesives<sup>(07 01 50 81)</sup>

Note: For repair of seams.

###### 07 01 50 81-0019 Mastic Sealer<sup>(07 01 50 81-0018)</sup>

###### 07 01 50 81-0020 Applied At Joints Only<sup>(07 01 50 81-0019)</sup>

|                  |    |                                         |      |
|------------------|----|-----------------------------------------|------|
| 07 01 50 81-0021 | LF | Mastic Sealer, 1/4" Bead At Joint ..... | 4.54 |
|------------------|----|-----------------------------------------|------|

1.95

##### 07 01 50 91 Roofing Restoration<sup>(07 01 50)</sup>

###### 07 01 50 91-0001 Pressure Wash Membrane Roofing<sup>(07 01 50 91)</sup>

|                  |    |                                                       |       |
|------------------|----|-------------------------------------------------------|-------|
| 07 01 50 91-0002 | SF | Up To 2,500 PSI, Pressure Wash Membrane Roofing ..... | 0.17  |
|                  |    | For Up To 100, Add .....                              | 0.13  |
|                  |    | For >100 To 250, Add .....                            | 0.06  |
|                  |    | For >250 To 500, Add .....                            | 0.03  |
|                  |    | For >5,000 To 10,000, Deduct .....                    | -0.01 |
|                  |    | For >10,000 To 15,000, Deduct .....                   | -0.02 |
|                  |    | For >15,000 To 30,000, Deduct .....                   | -0.03 |
|                  |    | For >30,000, Deduct .....                             | -0.03 |

## 07 05 Common Work Results for Thermal and Moisture Protection<sup>(07)</sup>

#### 07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work<sup>(07 05)</sup>

##### 07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work<sup>(07 05 13)</sup>

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

|                  |    |                                                                        |          |
|------------------|----|------------------------------------------------------------------------|----------|
| 07 05 13 00-0002 | EA | Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work ..... | 1,378.04 |
| 07 05 13 00-0003 | EA | >1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work ..... | 1,031.05 |
| 07 05 13 00-0004 | EA | >2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work ..... | 689.02   |
| 07 05 13 00-0005 | EA | >3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work ..... | 343.69   |

## 07 10 Dampproofing and Waterproofing<sup>(07)</sup>

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in

**07 Thermal And Moisture Protection****07 10 Dampproofing and Waterproofing**

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

the absence of hydrostatic pressure.

**07 11 Dampproofing** (07 10)**07 11 13 Bituminous Dampproofing** (07 11)**07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray** (07 11 13)

07 11 13 00-0002 CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray .....178.09  
 07 11 13 00-0003 CSF 2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing .....269.81

**07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On** (07 11 13)

07 11 13 00-0005 CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On .....309.67  
 07 11 13 00-0006 CSF Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing .....485.83

**07 11 13 00-0007 Asphaltic Paint Dampproofing** (07 11 13)

07 11 13 00-0008 CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On .....141.55  
 07 11 13 00-0009 CSF 2 Coats, Brushed On, Asphaltic Paint Dampproofing .....262.43

**07 11 19 Sheet Dampproofing** (07 11)**07 11 19 00-0001 Neoprene** (07 11 19)

07 11 19 00-0002 SF 1/16" Patch Neoprene Roof (5 To 20 SF) .....36.81

**07 13 Sheet Waterproofing** (07 10)**07 13 13 Bituminous Sheet Waterproofing** (07 13)**07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped** (07 13 13)

07 13 13 00-0002 CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped .....321.30 110.06  
*For 30 LB Felt, Add* .....75.89  
*For Application To Horizontal Surfaces, Deduct* .....-33.02  
 07 13 13 00-0003 CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped .....406.86 123.81  
*For 30 LB Felt, Add* .....119.42  
*For Application To Horizontal Surfaces, Deduct* .....-37.14  
 07 13 13 00-0004 CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped .....492.40 137.57  
*For 30 LB Felt, Add* .....162.95  
*For Application To Horizontal Surfaces, Deduct* .....-41.27  
 07 13 13 00-0005 CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped .....577.96 151.33  
*For 30 LB Felt, Add* .....206.48  
*For Application To Horizontal Surfaces, Deduct* .....-45.40  
 07 13 13 00-0006 CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped .....663.51 165.09  
*For 30 LB Felt, Add* .....250.01  
*For Application To Horizontal Surfaces, Deduct* .....-49.53

**07 13 13 00-0007 Asphalt Coated Protective Board** (07 13 13)

07 13 13 00-0008 CSF 1/8" Asphalt Coated Protective Board .....266.33 110.41  
*For Application To Horizontal Surfaces, Deduct* .....-36.82  
 07 13 13 00-0009 CSF 1/4" Asphalt Coated Protective Board .....333.63 114.66  
*For Application To Horizontal Surfaces, Deduct* .....-38.22  
 07 13 13 00-0010 CSF 3/8" Asphalt Coated Protective Board .....414.55 119.47  
*For Application To Horizontal Surfaces, Deduct* .....-39.81  
 07 13 13 00-0011 CSF 1/2" Asphalt Coated Protective Board .....457.34 124.29  
*For Application To Horizontal Surfaces, Deduct* .....-41.44

**07 13 53 Elastomeric Sheet Waterproofing** (07 13)**07 13 53 00-0001 Rubberized Membrane Sheet** (07 13 53)

07 13 53 00-0002 SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface .....6.93 1.14  
*For Floor Surfaces, Deduct* .....-1.10

**07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM)** (07 13 53)

07 13 53 00-0004 CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane .....480.60 160.51  
*For Application To Horizontal Surfaces, Deduct* .....-48.15  
 07 13 53 00-0005 CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane .....554.28 160.51  
*For Application To Horizontal Surfaces, Deduct* .....-48.15

**07 13 53 00-0006 Butyl Sheet Waterproofing** (07 13 53)

07 13 53 00-0007 CSF 1/32" Butyl Sheet Waterproofing .....100.58 40.13  
*For Joint Taping, Add* .....14.28  
*For Each Additional Ply, Add* .....74.43  
*For Application To Horizontal Surfaces, Deduct* .....-6.03



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Dampproofing and Waterproofing  |  |  | 07 10 |
| Sheet Waterproofing             |  |  | 07 13 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                             | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 13 53 00-0008 | CSF |     | 1/16" Butyl Sheet Waterproofing.....                                                    | 119.79                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 15.24                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 87.87                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0009 |     |     | Butyl With Nylon (07 13 53)                                                             |                        |                      |
| 07 13 53 00-0010 | CSF |     | 1/32" Butyl Elastomeric Waterproofing With Nylon.....                                   | 111.56                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 14.83                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 82.11                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0011 | CSF |     | 1/16" Butyl Elastomeric Waterproofing With Nylon.....                                   | 123.91                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 15.44                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 90.76                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0012 |     |     | Neoprene Sheet Waterproofing (07 13 53)                                                 |                        |                      |
| 07 13 53 00-0013 | CSF |     | 1/32" Neoprene Sheet Waterproofing.....                                                 | 174.74                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 17.99                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 126.34                 |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0014 | CSF |     | 1/16" Neoprene Sheet Waterproofing.....                                                 | 256.51                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 22.07                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 183.58                 |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0015 |     |     | Neoprene With Nylon (07 13 53)                                                          |                        |                      |
| 07 13 53 00-0016 | CSF |     | 1/32" Neoprene Elastomeric Waterproofing With Nylon.....                                | 183.27                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 18.41                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 132.31                 |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0017 | CSF |     | 1/16" Neoprene Elastomeric Waterproofing With Nylon.....                                | 270.14                 | 40.13                |
|                  |     |     | For Joint Taping, Add                                                                   | 22.76                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 193.12                 |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -6.03                  |                      |
| 07 13 53 00-0018 |     |     | Plastic Vapor Barrier (Polyethylene) (07 13 53)                                         |                        |                      |
| 07 13 53 00-0019 | CSF |     | 4 Mil Polyethylene Vapor Barrier.....                                                   | 36.59                  | 13.23                |
|                  |     |     | For Joint Taping, Add                                                                   | 8.57                   |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 28.54                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.39                  |                      |
| 07 13 53 00-0020 | CSF |     | 6 Mil Polyethylene Vapor Barrier.....                                                   | 37.46                  | 13.23                |
|                  |     |     | For Joint Taping, Add                                                                   | 8.61                   |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 29.15                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.39                  |                      |
| 07 13 53 00-0021 | CSF |     | 10 Mil Polyethylene Vapor Barrier.....                                                  | 64.44                  | 13.23                |
|                  |     |     | For Joint Taping, Add                                                                   | 9.96                   |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 48.04                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.39                  |                      |
| 07 13 53 00-0022 | CSF |     | 60 Mil Polyethylene Vapor Barrier With Bentonite.....                                   | 98.81                  | 13.23                |
|                  |     |     | Note: Includes seam tape, liquid mastic, anchors and termination bar.                   |                        |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 72.42                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.88                  |                      |
| 07 13 53 00-0023 |     |     | Plastic Vapor Barrier (PVC) (07 13 53)                                                  |                        |                      |
| 07 13 53 00-0024 | CSF |     | 10 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....                                      | 43.30                  | 14.64                |
|                  |     |     | For Joint Taping, Add                                                                   | 8.90                   |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 33.24                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.39                  |                      |
| 07 13 53 00-0025 | CSF |     | 20 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....                                      | 54.59                  | 15.18                |
|                  |     |     | For Joint Taping, Add                                                                   | 9.72                   |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 41.25                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.56                  |                      |
| 07 13 53 00-0026 | CSF |     | 30 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....                                      | 69.67                  | 15.72                |
|                  |     |     | For Joint Taping, Add                                                                   | 10.72                  |                      |
|                  |     |     | For Each Additional Ply, Add                                                            | 51.92                  |                      |
|                  |     |     | For Application To Horizontal Surfaces, Deduct                                          | -4.72                  |                      |
| 07 13 53 00-0027 |     |     | Vinyl Plastic Vapor Barrier (07 13 53)                                                  |                        |                      |
| 07 13 53 00-0028 | CSF |     | 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)..... | 43.29                  | 13.56                |
| 07 13 54         |     |     | Thermoplastic Sheet Waterproofing (07 13)                                               |                        |                      |
| 07 13 54 00-0001 |     |     | Thermoplastic Sheet Waterproofing (07 13 54)                                            |                        |                      |
| 07 13 54 00-0002 | SF  |     | 60 Mil Thermoplastic Active Polymer Core Membrane (Cetco Coreflex 60).....              | 10.85                  |                      |
| 07 13 54 00-0003 | SF  |     | Cortex Active Polymer Core Separation Sheet (Cetco Coretex).....                        | 7.14                   |                      |
| 07 13 54 00-0004 | SF  |     | Hardscape Walk Path Drain Board (Cetco Aquadrain 30HD).....                             | 2.44                   |                      |

**07 Thermal And Moisture Protection****07 10 Dampproofing and Waterproofing****07 13 Sheet Waterproofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                              |      |  |
|------------------|----|----------------------------------------------|------|--|
| 07 13 54 00-0005 | SF | Planted Area Drain Board (Cetco GS-300)..... | 4.34 |  |
| 07 13 54 00-0006 | SF | Root Barrier (Cetco GS-120) .....            | 2.91 |  |
| 07 13 54 00-0007 | LF | Stainless Steel Termination Bar (Cetco)..... | 4.94 |  |

**07 14 Fluid-Applied Waterproofing** (07 10)**07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing** (07 14)

|                  |    |                                                                                     |       |  |
|------------------|----|-------------------------------------------------------------------------------------|-------|--|
| 07 14 13 00-0001 |    | Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)                     |       |  |
| 07 14 13 00-0002 | SF | 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....  | 2.42  |  |
|                  |    | Note: Includes primer.                                                              |       |  |
|                  |    | For Application To Horizontal Surfaces, Deduct                                      | -0.21 |  |
|                  |    | For Reinforcing Fabric, Add                                                         | 0.54  |  |
| 07 14 13 00-0003 | SF | 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface..... | 2.87  |  |
|                  |    | Note: Includes primer.                                                              |       |  |
|                  |    | For Application To Horizontal Surfaces, Deduct                                      | -0.22 |  |
|                  |    | For Reinforcing Fabric, Add                                                         | 0.54  |  |

**07 14 16 Cold Fluid-Applied Waterproofing** (07 14)

|                  |    |                                                                                                |       |  |
|------------------|----|------------------------------------------------------------------------------------------------|-------|--|
| 07 14 16 00-0001 |    | Fluid Applied Rubber Based Polyurethane (07 14 16)                                             |       |  |
| 07 14 16 00-0002 | SF | 60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....  | 4.06  |  |
|                  |    | For Application To Horizontal Surfaces, Deduct                                                 | -0.48 |  |
| 07 14 16 00-0003 | SF | 90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....  | 4.64  |  |
|                  |    | For Application To Horizontal Surfaces, Deduct                                                 | -0.51 |  |
| 07 14 16 00-0004 | SF | 120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing..... | 5.26  |  |
|                  |    | For Application To Horizontal Surfaces, Deduct                                                 | -0.54 |  |

|                  |    |                                                                                       |      |  |
|------------------|----|---------------------------------------------------------------------------------------|------|--|
| 07 14 16 00-0005 |    | One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)                 |      |  |
| 07 14 16 00-0006 | SF | 15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer..... | 2.76 |  |

|                  |    |                                                             |      |  |
|------------------|----|-------------------------------------------------------------|------|--|
| 07 14 16 00-0007 |    | Copolymer Compound (07 14 16)                               |      |  |
| 07 14 16 00-0008 | SF | 32 Mil, Fluid Elastomeric Copolymer Compound For Slabs..... | 4.38 |  |

|                  |     |                                                         |          |  |
|------------------|-----|---------------------------------------------------------|----------|--|
| 07 14 16 00-0009 |     | Fluid Applied Neoprene (07 14 16)                       |          |  |
| 07 14 16 00-0010 | CSF | 1/8" Fiberglass Reinforced, Fluid Applied Neoprene..... | 532.29   |  |
|                  |     | For Application To Horizontal Surfaces, Deduct          | -58.47   |  |
| 07 14 16 00-0011 | CSF | 50 Mil, 4 Coats, Fluid Applied Neoprene.....            | 1,033.21 |  |
|                  |     | For Application To Horizontal Surfaces, Deduct          | -114.71  |  |
| 07 14 16 00-0012 | CSF | 90 Mil, 4 Coats, Fluid Applied Neoprene.....            | 1,683.47 |  |
|                  |     | For Application To Horizontal Surfaces, Deduct          | -171.98  |  |

|                  |    |                                                                                                     |      |  |
|------------------|----|-----------------------------------------------------------------------------------------------------|------|--|
| 07 14 16 00-0013 |    | Moisture Barrier (Maxxon) (07 14 16)                                                                |      |  |
| 07 14 16 00-0014 | SF | Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030).....                      | 3.68 |  |
|                  |    | Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring |      |  |
| 07 14 16 00-0015 | SF | Moisture Barrier Primer, Roller Application (Maxxon MVP 13030).....                                 | 3.28 |  |
|                  |    | Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring |      |  |
| 07 14 16 00-0016 | SF | Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035).....  | 1.43 |  |
|                  |    | Note: Includes product mixing and application. Excludes preparation of flooring                     |      |  |
| 07 14 16 00-0017 | SF | Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035).....          | 1.03 |  |
|                  |    | Note: Includes product mixing and application. Excludes preparation of flooring                     |      |  |
| 07 14 16 00-0018 | SF | Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035)..... | 1.97 |  |
|                  |    | Note: Includes product mixing and application. Excludes preparation of flooring                     |      |  |
| 07 14 16 00-0019 | SF | Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035).....         | 1.57 |  |
|                  |    | Note: Includes product mixing and application. Excludes preparation of flooring                     |      |  |

|                  |    |                                                                                                                      |      |  |
|------------------|----|----------------------------------------------------------------------------------------------------------------------|------|--|
| 07 14 16 00-0020 |    | Waterproofing (Sika) (07 14 16)                                                                                      |      |  |
| 07 14 16 00-0021 | SF | 30 Mil Thick, Two-Component Polyurethane, Roller Grade Bitumen Modified Waterproofing, (Sika Sikagard®-7600 HG)..... | 6.19 |  |

**07 16 Cementitious and Reactive Waterproofing** (07 10)

|                  |    |                                                                                                                                                          |      |  |
|------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|
| 07 16 13 00-0001 | SF | Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....                                                                                       | 4.71 |  |
|                  |    | Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer. |      |  |

|                  |    |                                                                          |      |  |
|------------------|----|--------------------------------------------------------------------------|------|--|
| 07 16 16 00-0001 | SF | Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate)..... | 6.41 |  |
|------------------|----|--------------------------------------------------------------------------|------|--|

**07 16 19 Metal Oxide Waterproofing** (07 16)



|                                         |  |  |       |
|-----------------------------------------|--|--|-------|
| Thermal And Moisture Protection         |  |  | 07    |
| Dampproofing and Waterproofing          |  |  | 07 10 |
| Cementitious and Reactive Waterproofing |  |  | 07 16 |

07

| MINOR<br>CSI UOM DESCRIPTION                          |                                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 16 19 00-0001                                      | <b>Metallic Oxide Waterproofing</b> (07 16 19)<br>Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.        |                           |                         |
| 07 16 19 00-0002                                      | CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....<br>For Application To Horizontal Surfaces, Deduct                                                                                                                                                                                               | 501.13<br>-62.64          |                         |
| <b>07 17 Bentonite Waterproofing</b> (07 10)          |                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| <b>07 17 13 Bentonite Panel Waterproofing</b> (07 17) |                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 07 17 13 00-0001                                      | CSF 3/16" Bentonite Waterproofing Panels.....<br>For Application To Horizontal Surfaces, Deduct                                                                                                                                                                                                                                                          | 403.08<br>-39.33          | 131.74                  |
| 07 17 13 00-0002                                      | CSF 1/4" Bentonite Waterproofing Panels.....<br>For Application To Horizontal Surfaces, Deduct                                                                                                                                                                                                                                                           | 382.72<br>-42.78          | 139.19                  |
| 07 17 13 00-0003                                      | CSF 5/8" Bentonite Waterproofing Panels.....<br>For Application To Horizontal Surfaces, Deduct                                                                                                                                                                                                                                                           | 494.00<br>-43.53          | 145.15                  |
| 07 17 13 00-0004                                      | CSF 3/8" Granular Bentonite, Troweled.....<br>For Application To Horizontal Surfaces, Deduct                                                                                                                                                                                                                                                             | 400.81<br>-36.20          | 120.73                  |
| <b>07 18 Traffic Coatings</b> (07 10)                 |                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| <b>07 18 13 Pedestrian Traffic Coatings</b> (07 18)   |                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 07 18 13 00-0001                                      | <b>Elastomeric Plaza Deck System (Garland Dura-Walk®)</b> (07 18 13)<br>Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Excludes surface preparation, deck crack repair, joint sealants or markings.                                                                                                                              |                           |                         |
| 07 18 13 00-0002                                      | SQ Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit).....                                                                                                                                                                                                                                                                                        | 167.65                    |                         |
| 07 18 13 00-0003                                      | SQ 32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....                                                                                                                                                                                                                                              | 488.83                    |                         |
| 07 18 13 00-0004                                      | SQ 16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....                                                                                                                                                                                                                                              | 279.58                    |                         |
| 07 18 13 00-0005                                      | SQ 16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....                                                                                                                                                                                                                                               | 335.47                    |                         |
| 07 18 13 00-0006                                      | LF 6" Wide, Poly Joint Tape (Garland Dura-Walk®).....                                                                                                                                                                                                                                                                                                    | 1.61                      |                         |
| <b>07 18 16 Vehicular Traffic Coatings</b> (07 18)    |                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 07 18 16 00-0001                                      | <b>Preparation For Vehicular Traffic Coating</b> (07 18 16)<br>See CSI section 03 01 30 71-0068 for crack repairs, 32 17 23 00-0000 for pavement markings.                                                                                                                                                                                               |                           |                         |
| 07 18 16 00-0002                                      | SF Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating.....                                                                                                                                                                                                                                                                        | 1.05                      |                         |
| 07 18 16 00-0003                                      | SF Shot Blasting Concrete Surface For Vehicular Traffic Coating.....                                                                                                                                                                                                                                                                                     | 2.60                      |                         |
| 07 18 16 00-0004                                      | <b>Vehicular Traffic Bearing Waterproofing System System (UPI)</b> (07 18 16)<br>Note: Excludes deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 32 17 23 00-0000 for pavement markings.                                                                                                      |                           |                         |
| 07 18 16 00-0005                                      | SF Vehicular Traffic Bearing Waterproofing System Complete (UPI UREADEK 6700-VT).....<br>Note: Includes primer (UI-7118), 32 mil base coat (UI-7013), 16 mil intermediate coat (UI-7016 AR), 16 mil top coat (UI-7016 AL), and non-slip texture finish. Excludes crack repair or caulking.<br>For second coat 16 mil intermediate coat (UI-7016 AR), Add | 10.09<br>1.91             |                         |
| 07 18 16 00-0006                                      | <b>Vehicular Traffic Coating (Sika)</b> (07 18 16)<br>Note: Excludes surface preparation, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparation, 32 17 23 00-0000 for pavement markings.                                                                  |                           |                         |
| 07 18 16 00-0007                                      | SF 23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720).....<br>Note: Excludes crack repair or caulking.                                                                                                                                                            | 3.84                      |                         |
| 07 18 16 00-0008                                      | SF 12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....<br>Note: Excludes crack repair or caulking.                                                                                                                                                     | 2.35                      |                         |
| 07 18 16 00-0009                                      | SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....<br>Note: Excludes crack repair or caulking.                                                                                                                                                     | 2.50                      |                         |
| 07 18 16 00-0010                                      | SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....<br>Note: Excludes crack repair or caulking.                                                                                                                                                     | 2.66                      |                         |
| 07 18 16 00-0011                                      | SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....<br>Note: Excludes crack repair or caulking.                                                                                                                                                     | 2.80                      |                         |
| 07 18 16 00-0012                                      | SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured).....<br>Note: Excludes crack repair or caulking.                                                                                                                                             | 2.72                      |                         |
| 07 18 16 00-0013                                      | SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured).....<br>Note: Excludes crack repair or caulking.                                                                                                                                             | 2.95                      |                         |
| 07 18 16 00-0014                                      | SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured).....<br>Note: Excludes crack repair or caulking.                                                                                                                                             | 3.20                      |                         |

**07 Thermal And Moisture Protection****07 10 Dampproofing and Waterproofing****07 18 Traffic Coatings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 07 18 16 00-0015 |    | <b>Vehicular Traffic Bearing Waterproofing System System (Dex-O-Tex Auto-Dex V)</b> <sup>(07 18 16)</sup><br>Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| 07 18 16 00-0016 | SF | Vehicular Traffic Bearing Waterproofing System (Dex-O-Tex Auto-Dex V) .....<br>Note: A. Troweled waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be Dex-O-Tex Auto-Dex V as manufactured by Crossfield Products Corp., in Rancho Dominguez, California and Roselle Park, New Jersey. B. The trowel applied waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be composed of a co-polymer bondcoat, neoprene waterproof membrane, and cementitious co-polymer traffic topping surfacing. 1.) All resin binders and all rubber emulsions shall be compounded with neoprene or polyacrylate co-polymer liquids and shall have a minimum polymer, neoprene, solids content of 35% when tested by the dry cup method. 2.) Aggregate for traffic surface coating shall be suitably graded, fine trap-rock passing a #20 mesh sieve and retained on a #40 mesh sieve. 3.) Fabric used as reinforcement for waterproof membrane shall be 7-1/2 oz. Woven polypropylene fabric. | 14.41 |
| 07 18 16 00-0017 |    | <b>Traffic Coating Repair (Sika)</b> <sup>(07 18 16)</sup><br>Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 07 18 16 00-0018 | SF | 5 +/- 1 mils (Dry Film Thickness per Coat), Two Component, High Solids, Liquid Applied Primer (Sika Sikalastic® Recoat Primer) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0.92  |
| 07 18 16 00-0019 | SF | Low-modulus, Low-viscosity, Epoxy Resin Primer (Sikadur® 21) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.62  |
| 07 18 16 00-0020 | SF | Up To 1/2" Thick, Low-modulus, Low-viscosity, Epoxy Resin Mortar Binder (Sikadur® 21) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.41  |
| 07 18 16 00-0021 | SF | Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Primer (Sikadur® 22) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.82  |
| 07 18 16 00-0022 | SF | 50 Mils, Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Binder (Sikadur® 22) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.51  |
| 07 18 16 00-0023 | SF | Broadcast Sand Coating .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.25  |
| 07 18 16 00-0024 | SF | Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Top Coat (Sikadur® 22) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.86  |
| 07 18 16 00-0025 | SF | Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Traffic Overlay (Sikadur® 22) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.96  |
| 07 18 21         |    | <b>Traffic-Bearing Roof Deck Surfacing</b> <sup>(07 18)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 07 18 21 00-0001 |    | <b>Decking Coating System (Polycoat POLY-I-GARD® 575FC)</b> <sup>(07 18 21)</sup><br>Note: Excludes surface preparaion, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 07 18 21 00-0002 | SF | 4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.28  |
| 07 18 21 00-0003 | SF | 24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.69  |
| 07 18 21 00-0004 | SF | 18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.45  |
| 07 18 21 00-0005 | SF | 15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.06  |
|                  |    | Note: Additional coat for ramps, turn radii, and other heavy traffic areas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 07 18 21 00-0006 |    | <b>Weatherwear Roof Deck Coating System (Dex-O-Tex)</b> <sup>(07 18 21)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 07 18 21 00-0007 | SF | Dex-O-Tex Weatherwear Promenade Roof Deck System .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 37.25 |
|                  |    | Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| 07 18 21 00-0008 | LF | Dex-O-Tex 26G Bonderized 4" x 8" flashing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16.76 |
|                  |    | Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |
| 07 18 21 00-0009 | SF | Dex-O-Tex G-26 Underlayment at 3" Average for Sloping .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 43.66 |
|                  |    | Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 07 18 21 00-0010 | SF | Mechanically Prepare Surface For Underlayment .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.23  |
|                  |    | Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| 07 19            |    | <b>Water Repellents</b> <sup>(07 10)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
| 07 19 13         |    | <b>Acrylic Sealer</b> <sup>(07 19)</sup><br>Note: Per coat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| 07 19 13 00-0001 | SF | Spray On Concrete, Acrylic Sealer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.52  |
| 07 19 13 00-0002 | SF | Spray On Concrete Block/Brick, Acrylic Sealer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.00  |
| 07 19 13 00-0003 | SF | Spray On Stone, Acrylic Sealer .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.29  |
| 07 19 16         |    | <b>Silane Water Repellents</b> <sup>(07 19)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |
| 07 19 16 00-0001 |    | <b>Silane Concrete Sealer</b> <sup>(07 19 16)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| 07 19 16 00-0002 | SF | Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.73  |
| 07 19 16 00-0003 | SF | Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.09  |
| 07 19 16 00-0004 |    | <b>Silane/Siloxane Concrete Sealer</b> <sup>(07 19 16)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
| 07 19 16 00-0005 | SF | Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.33  |
|                  |    | Note: 40% silane, alcohol based.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 19 16 00-0006 | SF  |     | Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)..... | 1.95                   |                      |
|                  |     |     | Note: 40% silane, alcohol based.                                                                                             |                        |                      |
| 07 19 16 00-0007 | SF  |     | Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....               | 0.52                   |                      |
|                  |     |     | Note: 200 SF/GAL                                                                                                             |                        |                      |
| 07 19 16 00-0008 | SF  |     | Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)..... | 0.76                   |                      |

07 20 Thermal Protection (07)

07 21 Thermal Insulation (07 20)

07 21 13 Board Insulation (07 21)  
Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation (07 21 13)

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation (07 21 13 13)

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0001)

|                  |    |                                                                                                     |       |      |
|------------------|----|-----------------------------------------------------------------------------------------------------|-------|------|
| 07 21 13 13-0003 | SF | 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....     | 3.69  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                          | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05  |      |
| 07 21 13 13-0004 | SF | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... | 5.11  | 0.38 |
|                  |    | For Horizontal Surface Application, Deduct                                                          | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05  |      |
| 07 21 13 13-0005 | SF | 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....     | 6.06  | 0.38 |
|                  |    | For Horizontal Surface Application, Deduct                                                          | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05  |      |
| 07 21 13 13-0006 | SF | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... | 7.95  | 0.39 |
|                  |    | For Horizontal Surface Application, Deduct                                                          | -0.07 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05  |      |

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

|                  |    |                                                                                                          |       |      |
|------------------|----|----------------------------------------------------------------------------------------------------------|-------|------|
| 07 21 13 13-0008 | SF | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... | 1.77  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0009 | SF | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... | 1.76  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0010 | SF | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... | 1.99  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0011 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....   | 2.22  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0012 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....   | 3.15  | 0.38 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0013 | SF | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....  | 4.06  | 0.39 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.07 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0014 | SF | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....  | 4.99  | 0.40 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.07 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0015 | SF | 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....  | 5.90  | 0.41 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.07 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |
| 07 21 13 13-0016 | SF | 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....   | 6.83  | 0.42 |
|                  |    | For Horizontal Surface Application, Deduct                                                               | -0.07 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                                         | 0.05  |      |

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

|                  |    |                                                                                           |       |      |
|------------------|----|-------------------------------------------------------------------------------------------|-------|------|
|                  |    | Note: 15 PSI compressive strength.                                                        |       |      |
| 07 21 13 13-0018 | SF | 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... | 2.04  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                          | 0.05  |      |
|                  |    | For 25 PSI Compressive Strength, Add                                                      | 0.23  |      |
|                  |    | For 40 PSI Compressive Strength, Add                                                      | 0.54  |      |
|                  |    | For 60 PSI Compressive Strength, Add                                                      | 0.86  |      |
|                  |    | For 115 PSI Compressive Strength, Add                                                     | 3.74  |      |
| 07 21 13 13-0019 | SF | 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... | 2.41  | 0.37 |
|                  |    | For Horizontal Surface Application, Deduct                                                | -0.06 |      |
|                  |    | For Vapor Barrier, Integral With Insulation, Add                                          | 0.05  |      |
|                  |    | For 25 PSI Compressive Strength, Add                                                      | 0.29  |      |
|                  |    | For 40 PSI Compressive Strength, Add                                                      | 0.68  |      |
|                  |    | For 60 PSI Compressive Strength, Add                                                      | 1.07  |      |
|                  |    | For 115 PSI Compressive Strength, Add                                                     | 4.69  |      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

| MINOR            | CSI | UOM                                                                                                 | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 21 13 13-0020 | SF  | 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....           | 2.72        | 0.37                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.06       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For 25 PSI Compressive Strength, Add                                                                | 0.34        |                           |                         |
|                  |     | For 40 PSI Compressive Strength, Add                                                                | 0.80        |                           |                         |
|                  |     | For 60 PSI Compressive Strength, Add                                                                | 1.25        |                           |                         |
|                  |     | For 115 PSI Compressive Strength, Add                                                               | 5.46        |                           |                         |
| 07 21 13 13-0021 | SF  | 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....             | 2.55        | 0.37                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.06       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For 25 PSI Compressive Strength, Add                                                                | 0.31        |                           |                         |
|                  |     | For 40 PSI Compressive Strength, Add                                                                | 0.73        |                           |                         |
|                  |     | For 60 PSI Compressive Strength, Add                                                                | 1.15        |                           |                         |
|                  |     | For 115 PSI Compressive Strength, Add                                                               | 5.02        |                           |                         |
| 07 21 13 13-0022 | SF  | 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....            | 3.81        | 0.38                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.06       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For 25 PSI Compressive Strength, Add                                                                | 0.51        |                           |                         |
|                  |     | For 40 PSI Compressive Strength, Add                                                                | 1.20        |                           |                         |
|                  |     | For 60 PSI Compressive Strength, Add                                                                | 1.87        |                           |                         |
|                  |     | For 115 PSI Compressive Strength, Add                                                               | 8.21        |                           |                         |
| 07 21 13 13-0023 | SF  | 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....            | 5.06        | 0.39                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.07       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For 25 PSI Compressive Strength, Add                                                                | 0.71        |                           |                         |
|                  |     | For 40 PSI Compressive Strength, Add                                                                | 1.68        |                           |                         |
|                  |     | For 60 PSI Compressive Strength, Add                                                                | 2.59        |                           |                         |
|                  |     | For 115 PSI Compressive Strength, Add                                                               | 11.40       |                           |                         |
| 07 21 13 13-0024 | SF  | 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....            | 5.70        | 0.40                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.07       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For 25 PSI Compressive Strength, Add                                                                | 0.80        |                           |                         |
|                  |     | For 40 PSI Compressive Strength, Add                                                                | 1.91        |                           |                         |
|                  |     | For 60 PSI Compressive Strength, Add                                                                | 2.95        |                           |                         |
|                  |     | For 115 PSI Compressive Strength, Add                                                               | 12.99       |                           |                         |
| 07 21 13 13-0025 |     | <b>Mechanically Fastened Foam Board Insulation</b> (07 21 13 13)                                    |             |                           |                         |
|                  |     | Note: Mechanically fastened to wood or steel.                                                       |             |                           |                         |
| 07 21 13 13-0026 |     | <b>Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation</b> (07 21 13 13-0025) |             |                           |                         |
|                  |     | Note: Mechanically fastened to wood or steel.                                                       |             |                           |                         |
| 07 21 13 13-0027 | SF  | 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....     | 3.61        | 0.37                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.07       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                          | 1.53        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                            | 2.04        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                | 0.73        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                     | 2.10        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                       | 2.54        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                               | 1.09        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                    | 3.16        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                      | 3.81        |                           |                         |
| 07 21 13 13-0028 | SF  | 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened..... | 5.13        | 0.38                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.08       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                          | 1.58        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                            | 1.98        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                | 0.90        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                     | 2.17        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                       | 2.54        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                               | 1.35        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                    | 3.23        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                      | 3.81        |                           |                         |
| 07 21 13 13-0029 | SF  | 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....     | 6.09        | 0.38                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.08       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                          | 1.58        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                            | 1.98        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                | 0.90        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                     | 2.17        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                       | 2.57        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                               | 1.35        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                    | 3.23        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                      | 3.86        |                           |                         |
| 07 21 13 13-0030 | SF  | 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened..... | 8.08        | 0.39                      |                         |
|                  |     | For Horizontal Surface Application, Deduct                                                          | -0.08       |                           |                         |
|                  |     | For Vapor Barrier, Integral With Insulation, Add                                                    | 0.05        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                          | 1.62        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                            | 2.06        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                | 1.02        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                     | 2.30        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                       | 2.74        |                           |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                               | 1.54        |                           |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                    | 3.47        |                           |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                      | 4.12        |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 21 13 13-0031 |     |     | Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025) |                        |                      |
| 07 21 13 13-0032 | SF  |     | 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....    | 1.69                   | 0.37                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.07                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.10                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.16                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 3.81                   |                      |
| 07 21 13 13-0033 | SF  |     | 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....    | 1.68                   | 0.37                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.07                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.10                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.16                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 3.81                   |                      |
| 07 21 13 13-0034 | SF  |     | 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....    | 1.91                   | 0.37                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.07                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.10                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.16                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 3.81                   |                      |
| 07 21 13 13-0035 | SF  |     | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....      | 2.15                   | 0.37                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.07                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.10                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.16                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 3.81                   |                      |
| 07 21 13 13-0036 | SF  |     | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....      | 3.17                   | 0.38                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.08                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.58                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 1.98                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 0.90                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.57                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.35                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.23                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 3.86                   |                      |
| 07 21 13 13-0037 | SF  |     | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....     | 4.20                   | 0.39                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.08                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 4.12                   |                      |
| 07 21 13 13-0038 | SF  |     | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....     | 5.27                   | 0.40                 |
|                  |     |     | For Horizontal Surface Application, Deduct                                            | -0.08                  |                      |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                      | 0.05                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                            | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                              | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                  | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                       | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                         | 2.90                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                 | 1.83                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                      | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                        | 4.36                   |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 21 13 13-0039 | SF  |     | 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....             | 6.38                      | 0.41                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.08                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.71                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.41                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 1.45                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.74                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 3.05                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 7.84                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 4.12                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 4.59                      |                         |
| 07 21 13 13-0040 | SF  |     | 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....              | 7.58                      | 0.42                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.09                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.00                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 3.06                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 3.30                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 2.64                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 4.60                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 4.96                      |                         |
| 07 21 13 13-0041 |     |     | <b>Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation</b> (07 21 13 13-0025) |                           |                         |
|                  |     |     | Note: 15 PSI compressive strength. Mechanically fastened to wood or steel                    |                           |                         |
| 07 21 13 13-0042 | SF  |     | 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....    | 1.97                      | 0.37                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.07                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For 25 PSI Compressive Strength, Add                                                         | 0.20                      |                         |
|                  |     |     | For 40 PSI Compressive Strength, Add                                                         | 0.47                      |                         |
|                  |     |     | For 60 PSI Compressive Strength, Add                                                         | 0.76                      |                         |
|                  |     |     | For 115 PSI Compressive Strength, Add                                                        | 3.26                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.53                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.04                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 0.73                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.10                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 2.54                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 1.09                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 3.16                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 3.81                      |                         |
| 07 21 13 13-0043 | SF  |     | 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....    | 2.34                      | 0.37                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.07                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For 25 PSI Compressive Strength, Add                                                         | 0.26                      |                         |
|                  |     |     | For 40 PSI Compressive Strength, Add                                                         | 0.61                      |                         |
|                  |     |     | For 60 PSI Compressive Strength, Add                                                         | 0.97                      |                         |
|                  |     |     | For 115 PSI Compressive Strength, Add                                                        | 4.21                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.53                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.04                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 0.73                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.10                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 2.54                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 1.09                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 3.16                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 3.81                      |                         |
| 07 21 13 13-0044 | SF  |     | 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....    | 2.64                      | 0.37                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.07                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For 25 PSI Compressive Strength, Add                                                         | 0.31                      |                         |
|                  |     |     | For 40 PSI Compressive Strength, Add                                                         | 0.73                      |                         |
|                  |     |     | For 60 PSI Compressive Strength, Add                                                         | 1.14                      |                         |
|                  |     |     | For 115 PSI Compressive Strength, Add                                                        | 4.98                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.53                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.04                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 0.73                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.10                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 2.54                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 1.09                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 3.16                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 3.81                      |                         |
| 07 21 13 13-0045 | SF  |     | 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....      | 2.48                      | 0.37                    |
|                  |     |     | For Horizontal Surface Application, Deduct                                                   | -0.07                     |                         |
|                  |     |     | For Vapor Barrier, Integral With Insulation, Add                                             | 0.05                      |                         |
|                  |     |     | For 25 PSI Compressive Strength, Add                                                         | 0.28                      |                         |
|                  |     |     | For 40 PSI Compressive Strength, Add                                                         | 0.66                      |                         |
|                  |     |     | For 60 PSI Compressive Strength, Add                                                         | 1.05                      |                         |
|                  |     |     | For 115 PSI Compressive Strength, Add                                                        | 4.55                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                   | 1.53                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                     | 2.04                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 0.73                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.10                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 2.54                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 1.09                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 3.16                      |                         |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 3.81                      |                         |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Thermal Insulation              |  |  | 07 21 |

| MINOR                                                                                                                     | CSI | UOM | DESCRIPTION                                                                                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 21 13 13-0046                                                                                                          | SF  |     | 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened .....            | 3.84                   | 0.38                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.08                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For 25 PSI Compressive Strength, Add                                                                 | 0.49                   |                      |
|                                                                                                                           |     |     | For 40 PSI Compressive Strength, Add                                                                 | 1.17                   |                      |
|                                                                                                                           |     |     | For 60 PSI Compressive Strength, Add                                                                 | 1.82                   |                      |
|                                                                                                                           |     |     | For 115 PSI Compressive Strength, Add                                                                | 7.97                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, Add                                                           | 1.58                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, Add                                                             | 1.98                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                 | 0.90                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                      | 2.17                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                        | 2.57                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                | 1.35                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                     | 3.23                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                       | 3.86                   |                      |
| 07 21 13 13-0047                                                                                                          | SF  |     | 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened .....            | 5.20                   | 0.39                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.08                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For 25 PSI Compressive Strength, Add                                                                 | 0.70                   |                      |
|                                                                                                                           |     |     | For 40 PSI Compressive Strength, Add                                                                 | 1.67                   |                      |
|                                                                                                                           |     |     | For 60 PSI Compressive Strength, Add                                                                 | 2.59                   |                      |
|                                                                                                                           |     |     | For 115 PSI Compressive Strength, Add                                                                | 11.39                  |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, Add                                                           | 1.62                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, Add                                                             | 2.06                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                 | 1.02                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                      | 2.30                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                        | 2.74                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                | 1.54                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                     | 3.47                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                       | 4.12                   |                      |
| 07 21 13 13-0048                                                                                                          | SF  |     | 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened .....            | 5.98                   | 0.40                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.08                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For 25 PSI Compressive Strength, Add                                                                 | 0.83                   |                      |
|                                                                                                                           |     |     | For 40 PSI Compressive Strength, Add                                                                 | 1.96                   |                      |
|                                                                                                                           |     |     | For 60 PSI Compressive Strength, Add                                                                 | 3.04                   |                      |
|                                                                                                                           |     |     | For 115 PSI Compressive Strength, Add                                                                | 13.37                  |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, Add                                                           | 1.67                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, Add                                                             | 2.06                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                 | 1.22                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                      | 2.51                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                        | 2.90                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                | 1.83                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                     | 3.77                   |                      |
|                                                                                                                           |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                       | 4.36                   |                      |
| <b>07 21 13 16 Fibrous Board Insulation (07 21 13)</b>                                                                    |     |     |                                                                                                      |                        |                      |
| <b>07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)</b>                                      |     |     |                                                                                                      |                        |                      |
| <b>07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)</b> |     |     |                                                                                                      |                        |                      |
| 07 21 13 16-0003                                                                                                          | SF  |     | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied ..... | 2.41                   | 0.47                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.08                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| 07 21 13 16-0004                                                                                                          | SF  |     | 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied ..... | 3.49                   | 0.56                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.09                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| 07 21 13 16-0005                                                                                                          | SF  |     | 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied ..... | 4.58                   | 0.65                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.11                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| <b>07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)</b>                    |     |     |                                                                                                      |                        |                      |
| 07 21 13 16-0007                                                                                                          | SF  |     | 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....                    | 4.23                   | 0.37                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.06                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| 07 21 13 16-0008                                                                                                          | SF  |     | 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....                | 5.62                   | 0.38                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.06                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| 07 21 13 16-0009                                                                                                          | SF  |     | 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....                    | 6.96                   | 0.38                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.06                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |
| 07 21 13 16-0010                                                                                                          | SF  |     | 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....               | 8.05                   | 0.38                 |
|                                                                                                                           |     |     | For Horizontal Surface Application, Deduct                                                           | -0.06                  |                      |
|                                                                                                                           |     |     | For Vapor Barrier, Integral With Insulation, Add                                                     | 0.05                   |                      |
|                                                                                                                           |     |     | For Factory Painted On One Surface Add                                                               | 0.17                   |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                       |       |      |
|------------------|---------------------------------------------------------------------------------------|-------|------|
| 07 21 13 16-0011 | SF 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied ..... | 9.13  | 0.39 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                     | -0.07 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                               | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                         | 0.17  |      |

**07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation** (07 21 13 16)

Note: Mechanically fastened to wood or steel.

**07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation** (07 21 13 16-0012)

Note: Mechanically fastened to wood or steel.

|                  |                                                                                                         |       |      |
|------------------|---------------------------------------------------------------------------------------------------------|-------|------|
| 07 21 13 16-0014 | SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened ..... | 2.22  | 0.47 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                                       | -0.08 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                                                 | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                                           | 0.17  |      |
|                  | <i>For Mechanically Fastened To Concrete, Add</i>                                                       | 1.53  |      |
|                  | <i>For Mechanically Fastened To Gypsum, Add</i>                                                         | 2.04  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>                          | 0.73  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>                               | 2.10  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>                                 | 2.54  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>                         | 1.09  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>                              | 3.16  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>                                | 3.81  |      |
| 07 21 13 16-0015 | SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened ..... | 3.39  | 0.56 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                                       | -0.09 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                                                 | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                                           | 0.17  |      |
|                  | <i>For Mechanically Fastened To Concrete, Add</i>                                                       | 1.58  |      |
|                  | <i>For Mechanically Fastened To Gypsum, Add</i>                                                         | 1.98  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>                          | 0.90  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>                               | 2.17  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>                                 | 2.57  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>                         | 1.35  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>                              | 3.23  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>                                | 3.86  |      |
| 07 21 13 16-0016 | SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened ..... | 4.57  | 0.65 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                                       | -0.11 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                                                 | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                                           | 0.17  |      |
|                  | <i>For Mechanically Fastened To Concrete, Add</i>                                                       | 1.62  |      |
|                  | <i>For Mechanically Fastened To Gypsum, Add</i>                                                         | 2.06  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>                          | 1.02  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>                               | 2.30  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>                                 | 2.74  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>                         | 1.54  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>                              | 3.47  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>                                | 4.12  |      |

**07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation** (07 21 13 16-0012)

Note: Mechanically fastened to wood or steel.

|                  |                                                                                          |       |      |
|------------------|------------------------------------------------------------------------------------------|-------|------|
| 07 21 13 16-0018 | SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened .....     | 4.15  | 0.37 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                        | -0.07 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                                  | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                            | 0.17  |      |
|                  | <i>For Mechanically Fastened To Concrete, Add</i>                                        | 1.53  |      |
|                  | <i>For Mechanically Fastened To Gypsum, Add</i>                                          | 2.04  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>           | 0.73  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>                | 2.10  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>                  | 2.54  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>          | 1.09  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>               | 3.16  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>                 | 3.81  |      |
| 07 21 13 16-0019 | SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened ..... | 5.64  | 0.38 |
|                  | <i>For Horizontal Surface Application, Deduct</i>                                        | -0.08 |      |
|                  | <i>For Vapor Barrier, Integral With Insulation, Add</i>                                  | 0.05  |      |
|                  | <i>For Factory Painted On One Surface Add</i>                                            | 0.17  |      |
|                  | <i>For Mechanically Fastened To Concrete, Add</i>                                        | 1.58  |      |
|                  | <i>For Mechanically Fastened To Gypsum, Add</i>                                          | 1.98  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>           | 0.90  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>                | 2.17  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>                  | 2.54  |      |
|                  | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>          | 1.35  |      |
|                  | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>               | 3.23  |      |
|                  | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>                 | 3.81  |      |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Thermal Insulation              |  |  | 07 21 |

| MINOR                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL DIRECT |  | DEMOLITION |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI                                                    | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UNIT COST    |  | UNIT COST  |
| 07 21 13 16-0020                                       | SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add<br>For Mechanically Fastened To Concrete, Add<br>For Mechanically Fastened To Gypsum, Add<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                | 6.99         |  | 0.38       |
| 07 21 13 16-0021                                       | SF 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add<br>For Mechanically Fastened To Concrete, Add<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                      | 8.19         |  | 0.38       |
| 07 21 13 16-0022                                       | SF 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add<br>For Mechanically Fastened To Concrete, Add<br>For Mechanically Fastened To Gypsum, Add<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add               | 9.27         |  | 0.39       |
| <b>07 21 13 19 Mineral Board Insulation (07 21 13)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |  |            |
| 07 21 13 19-0001                                       | Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |  |            |
| 07 21 13 19-0002                                       | Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation<br>(07 21 13 19-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |  |            |
| 07 21 13 19-0003                                       | SF 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.85         |  | 0.42       |
| 07 21 13 19-0004                                       | SF 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.18         |  | 0.44       |
| 07 21 13 19-0005                                       | SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.53         |  | 0.47       |
| 07 21 13 19-0006                                       | SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.11         |  | 0.51       |
| 07 21 13 19-0007                                       | SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.71         |  | 0.56       |
| 07 21 13 19-0008                                       | SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.91         |  | 0.65       |
| 07 21 13 19-0009                                       | Mechanically Fastened Mineral Board Insulation (07 21 13 19)<br>Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |  |            |
| 07 21 13 19-0010                                       | Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation<br>(07 21 13 19-0009)<br>Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |  |            |
| 07 21 13 19-0011                                       | SF 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....<br>For Horizontal Surface Application, Deduct<br>For Vapor Barrier, Integral With Insulation, Add<br>For Factory Painted On One Surface Add<br>For Mechanically Fastened To Concrete, Add<br>For Mechanically Fastened To Gypsum, Add<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add | 1.66         |  | 0.42       |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

| MINOR<br>CSI UOM DESCRIPTION                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 21 13 19-0012 SF 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened..... | 1.99                      | 0.44                    |
| For Horizontal Surface Application, Deduct                                                                            | -0.07                     |                         |
| For Vapor Barrier, Integral With Insulation, Add                                                                      | 0.05                      |                         |
| For Factory Painted On One Surface Add                                                                                | 0.17                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                            | 1.53                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                              | 2.04                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 0.73                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.10                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                         | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.09                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.16                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                        | 3.81                      |                         |
| 07 21 13 19-0013 SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....     | 2.33                      | 0.47                    |
| For Horizontal Surface Application, Deduct                                                                            | -0.08                     |                         |
| For Vapor Barrier, Integral With Insulation, Add                                                                      | 0.05                      |                         |
| For Factory Painted On One Surface Add                                                                                | 0.17                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                            | 1.53                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                              | 2.04                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 0.73                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.10                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                         | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.09                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.16                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                        | 3.81                      |                         |
| 07 21 13 19-0014 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened..... | 3.01                      | 0.51                    |
| For Horizontal Surface Application, Deduct                                                                            | -0.09                     |                         |
| For Vapor Barrier, Integral With Insulation, Add                                                                      | 0.05                      |                         |
| For Factory Painted On One Surface Add                                                                                | 0.17                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                            | 1.58                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                              | 1.98                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 0.90                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.17                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                         | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.35                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.23                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                        | 3.81                      |                         |
| 07 21 13 19-0015 SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....     | 3.61                      | 0.56                    |
| For Horizontal Surface Application, Deduct                                                                            | -0.09                     |                         |
| For Vapor Barrier, Integral With Insulation, Add                                                                      | 0.05                      |                         |
| For Factory Painted On One Surface Add                                                                                | 0.17                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                            | 1.58                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                              | 1.98                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 0.90                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.17                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                         | 2.57                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.35                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.23                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                        | 3.86                      |                         |
| 07 21 13 19-0016 SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....     | 4.90                      | 0.65                    |
| For Horizontal Surface Application, Deduct                                                                            | -0.11                     |                         |
| For Vapor Barrier, Integral With Insulation, Add                                                                      | 0.05                      |                         |
| For Factory Painted On One Surface Add                                                                                | 0.17                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                            | 1.62                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                              | 2.06                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 1.02                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.30                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                         | 2.74                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.54                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.47                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                        | 4.12                      |                         |

**07 21 16 Blanket Insulation (07 21)**

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

**07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)**

Note: Rolls or batts.

**07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)**

|                                                                                         |       |      |
|-----------------------------------------------------------------------------------------|-------|------|
| 07 21 16 00-0003 SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation..... | 1.41  | 0.43 |
| For >1,600, Deduct                                                                      | -0.16 |      |
| 07 21 16 00-0004 SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation..... | 1.52  | 0.43 |
| For >1,600, Deduct                                                                      | -0.18 |      |
| 07 21 16 00-0005 SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation..... | 1.56  | 0.43 |
| For >1,600, Deduct                                                                      | -0.19 |      |
| 07 21 16 00-0006 SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation..... | 2.09  | 0.43 |
| For >1,600, Deduct                                                                      | -0.29 |      |
| 07 21 16 00-0007 SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation..... | 1.77  | 0.43 |
| For >1,600, Deduct                                                                      | -0.22 |      |
| 07 21 16 00-0008 SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation..... | 2.47  | 0.53 |
| For >1,600, Deduct                                                                      | -0.34 |      |
| 07 21 16 00-0009 SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....    | 2.80  | 0.53 |
| For >1,600, Deduct                                                                      | -0.38 |      |

**07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)**





| MINOR            | CSI | UOM | DESCRIPTION                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------|------------------------|----------------------|
| 07 21 16 00-0011 | SF  |     | 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....             | 1.33                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.14                  |                      |
| 07 21 16 00-0012 | SF  |     | 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....             | 1.46                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.17                  |                      |
| 07 21 16 00-0013 | SF  |     | 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....             | 1.96                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.27                  |                      |
| 07 21 16 00-0014 | SF  |     | 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....             | 2.01                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.27                  |                      |
| 07 21 16 00-0015 | SF  |     | 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....             | 1.72                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.21                  |                      |
| 07 21 16 00-0016 | SF  |     | 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....             | 2.32                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.31                  |                      |
| 07 21 16 00-0017 | SF  |     | 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....                | 2.71                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.36                  |                      |
| 07 21 16 00-0018 |     |     | Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)               |                        |                      |
| 07 21 16 00-0019 | SF  |     | 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation .....         | 1.62                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.20                  |                      |
| 07 21 16 00-0020 | SF  |     | 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation .....         | 1.81                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.24                  |                      |
| 07 21 16 00-0021 | SF  |     | 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation .....         | 2.04                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.27                  |                      |
| 07 21 16 00-0022 | SF  |     | 10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....        | 2.88                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.40                  |                      |
| 07 21 16 00-0023 | SF  |     | 12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....            | 3.16                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.45                  |                      |
| 07 21 16 00-0024 |     |     | Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)        |                        |                      |
| 07 21 16 00-0025 | SF  |     | 3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation .....  | 1.45                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.16                  |                      |
| 07 21 16 00-0026 | SF  |     | 3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation .....  | 1.56                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.19                  |                      |
| 07 21 16 00-0027 | SF  |     | 5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation .....  | 2.16                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.30                  |                      |
| 07 21 16 00-0028 | SF  |     | 6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation .....  | 1.79                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.22                  |                      |
| 07 21 16 00-0029 | SF  |     | 8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation .....  | 2.40                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.33                  |                      |
| 07 21 16 00-0030 | SF  |     | 10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation ..... | 2.71                   | 0.53                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.36                  |                      |
| 07 21 16 00-0031 |     |     | Mineral Wool Flexible Insulation (07 21 16)                                 |                        |                      |
| 07 21 16 00-0032 |     |     | Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)            |                        |                      |
| 07 21 16 00-0033 | SF  |     | 3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....              | 1.58                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.19                  |                      |
| 07 21 16 00-0034 | SF  |     | 6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....              | 2.12                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.29                  |                      |
| 07 21 16 00-0035 | SF  |     | 9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....              | 3.32                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.51                  |                      |
| 07 21 16 00-0036 | SF  |     | 12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....                 | 3.95                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.61                  |                      |
| 07 21 16 00-0037 |     |     | Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)                |                        |                      |
| 07 21 16 00-0038 | SF  |     | 3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....                  | 1.47                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.17                  |                      |
| 07 21 16 00-0039 | SF  |     | 6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....                  | 1.94                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.25                  |                      |
| 07 21 16 00-0040 | SF  |     | 9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....                  | 2.98                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.44                  |                      |
| 07 21 16 00-0041 | SF  |     | 12" Unfaced, R-38 Mineral Wool Flexible Insulation.....                     | 3.54                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.53                  |                      |
| 07 21 16 00-0042 |     |     | Natural Cotton Insulation (07 21 16)                                        |                        |                      |
| 07 21 16 00-0043 |     |     | UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042)                    |                        |                      |
|                  |     |     | Note: 85% recycled denim cotton.                                            |                        |                      |
| 07 21 16 00-0044 | SF  |     | 3-1/2", R-13 UltraTouch™ Natural Cotton Insulation .....                    | 2.17                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.31                  |                      |
| 07 21 16 00-0045 | SF  |     | 5-1/2", R-19 UltraTouch™ Natural Cotton Insulation .....                    | 2.43                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.36                  |                      |
| 07 21 16 00-0046 | SF  |     | 5-1/2", R-21 UltraTouch™ Natural Cotton Insulation .....                    | 2.72                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.41                  |                      |
| 07 21 16 00-0047 | SF  |     | 8", R-30 UltraTouch™ Natural Cotton Insulation .....                        | 3.63                   | 0.43                 |
|                  |     |     | For >1,600, Deduct                                                          | -0.58                  |                      |
| 07 21 19         |     |     | Foamed-In-Place Insulation (07 21)                                          |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                    |          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 07 21 19 00-0001 | Polyurethane Foam Insulation, Sprayed On (07 21 19)                                                                                                                                                                |          |
| 07 21 19 00-0002 | EA Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge .....                                                                                                                                             | 1,385.25 |
|                  | Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section. |          |
| 07 21 19 00-0003 | SF 1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                    | 1.46     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 0.54     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.27     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.12     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.17    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.43    |
| 07 21 19 00-0004 | SF 1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                | 1.99     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 0.72     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.36     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.15     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.23    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.56    |
| 07 21 19 00-0005 | SF 2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                    | 2.50     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 0.88     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.44     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.19     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.28    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.69    |
| 07 21 19 00-0006 | SF 2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                | 3.02     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.05     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.52     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.22     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.34    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.82    |
| 07 21 19 00-0007 | SF 3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                   | 3.54     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.21     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.61     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.26     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.39    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.95    |
| 07 21 19 00-0008 | SF 3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                               | 4.06     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.38     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.69     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.30     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.45    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.08    |
| 07 21 19 00-0009 | SF 4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                   | 4.58     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.55     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.77     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.33     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.50    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.21    |
| 07 21 19 00-0010 | SF 4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                               | 5.10     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.71     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.86     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.37     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.56    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.34    |
| 07 21 19 00-0011 | SF 5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                   | 5.62     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.88     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.94     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.41     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.61    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.47    |
| 07 21 19 00-0012 | SF 5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                               | 6.15     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 2.05     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 1.03     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.44     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.67    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.61    |
| 07 21 19 00-0013 | SF 6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                   | 6.67     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 2.22     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 1.11     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.48     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.72    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.74    |
| 07 21 19 00-0014 | SF 1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....                                                                                                                                  | 2.82     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.04     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.52     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.22     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.33    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -0.82    |
| 07 21 19 00-0015 | SF 1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....                                                                                                                             | 3.75     |
|                  | For Up To 250 SF, Add .....                                                                                                                                                                                        | 1.32     |
|                  | For >250 To 500 SF, Add .....                                                                                                                                                                                      | 0.66     |
|                  | For >500 To 1,000 SF, Add .....                                                                                                                                                                                    | 0.28     |
|                  | For >5,000 To 10,000 SF, Deduct .....                                                                                                                                                                              | -0.42    |
|                  | For >10,000 SF, Deduct .....                                                                                                                                                                                       | -1.04    |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 21 19 00-0016 | SF  |     | 2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....            | 4.58                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 1.55                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 0.77                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.33                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.50                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -1.21                  |                      |
| 07 21 19 00-0017 | SF  |     | 2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....       | 5.51                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 1.83                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 0.91                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.40                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.59                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -1.43                  |                      |
| 07 21 19 00-0018 | SF  |     | 3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....            | 6.34                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 2.05                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.03                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.45                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.67                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -1.61                  |                      |
| 07 21 19 00-0019 | SF  |     | 3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....       | 7.29                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 2.34                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.17                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.51                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.77                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -1.83                  |                      |
| 07 21 19 00-0020 | SF  |     | 4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....            | 8.11                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 2.57                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.29                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.56                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.85                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -2.01                  |                      |
| 07 21 19 00-0021 | SF  |     | 4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....       | 9.04                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 2.85                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.42                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.63                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -0.94                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -2.22                  |                      |
| 07 21 19 00-0022 | SF  |     | 5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....            | 9.87                   |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 3.08                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.54                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.68                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -1.02                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -2.40                  |                      |
| 07 21 19 00-0023 | SF  |     | 5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....       | 10.80                  |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 3.36                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.68                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.74                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -1.11                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -2.62                  |                      |
| 07 21 19 00-0024 | SF  |     | 6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....            | 11.63                  |                      |
|                  |     |     | For Up To 250 SF, Add .....                                                                | 3.59                   |                      |
|                  |     |     | For >250 To 500 SF, Add .....                                                              | 1.79                   |                      |
|                  |     |     | For >500 To 1,000 SF, Add .....                                                            | 0.79                   |                      |
|                  |     |     | For >5,000 To 10,000 SF, Deduct .....                                                      | -1.19                  |                      |
|                  |     |     | For >10,000 SF, Deduct .....                                                               | -2.79                  |                      |
| 07 21 19 00-0025 |     |     | Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)                      |                        |                      |
| 07 21 19 00-0026 | LF  |     | Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame .....                | 4.55                   |                      |
| 07 21 19 00-0027 | LF  |     | Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame .....                | 5.68                   |                      |
| 07 21 19 00-0028 | LF  |     | Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame .....                | 6.81                   |                      |
| 07 21 19 00-0029 | LF  |     | Expanding Foam Insulation To Fill 8-3/4" Through 8-3/4" Deep Hollow Metal Door Frame ..... | 8.00                   |                      |
| 07 21 19 00-0030 | LF  |     | Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame.....     | 9.27                   |                      |
| 07 21 19 00-0031 |     |     | Expanding Foam Insulation To Fill Window Frames (07 21 19)                                 |                        |                      |
| 07 21 19 00-0032 | LF  |     | Expanding Foam Insulation To Fill Window Frame.....                                        | 4.45                   |                      |
| 07 21 23         |     |     | Loose-Fill Insulation (07 21)                                                              |                        |                      |
| 07 21 23 00-0001 |     |     | Poured Type, Loose Fill Insulation (07 21 23)                                              |                        |                      |
| 07 21 23 00-0002 | CF  |     | R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation.....                               | 6.34                   | 2.48                 |
| 07 21 23 00-0003 | CF  |     | R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation .....                             | 6.42                   | 2.48                 |
| 07 21 23 00-0004 |     |     | Concrete Block Wall Cavity Insulation (07 21 23)                                           |                        |                      |
| 07 21 23 00-0005 | CF  |     | R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation.....                  | 9.08                   | 2.48                 |
| 07 21 23 00-0006 | CF  |     | R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation.....                          | 8.99                   | 2.48                 |
| 07 21 26         |     |     | Blown Insulation (07 21)                                                                   |                        |                      |
| 07 21 26 00-0001 |     |     | Fiberglass Blown-In Insulation (07 21 26)                                                  |                        |                      |
| 07 21 26 00-0002 |     |     | Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)                                   |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

| MINOR<br>CSI UOM DESCRIPTION                                                                   |    |                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 21 26 00-0003                                                                               | SF | 4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation.....                              | 1.41                      | 1.15                    |
| 07 21 26 00-0004                                                                               | SF | 5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....                              | 1.57                      | 1.26                    |
| 07 21 26 00-0005                                                                               | SF | 6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation.....                              | 1.74                      | 1.38                    |
| 07 21 26 00-0006                                                                               | SF | 7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation.....                              | 1.95                      | 1.50                    |
| 07 21 26 00-0007                                                                               | SF | 8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation.....                              | 2.06                      | 1.55                    |
| 07 21 26 00-0008                                                                               | SF | 10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation.....                             | 2.22                      | 1.61                    |
| 07 21 26 00-0009                                                                               | SF | 11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation.....                             | 2.38                      | 1.66                    |
| 07 21 26 00-0010                                                                               | SF | 12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation.....                             | 2.51                      | 1.73                    |
| 07 21 26 00-0011                                                                               | SF | 13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation.....                             | 2.69                      | 1.84                    |
| 07 21 26 00-0012                                                                               | SF | 14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation.....                             | 2.83                      | 1.90                    |
| 07 21 26 00-0013                                                                               | SF | 16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation.....                             | 3.03                      | 1.95                    |
| 07 21 26 00-0014                                                                               | SF | 18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....                             | 3.29                      | 2.07                    |
| 07 21 26 00-0015                                                                               | SF | 21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation.....                             | 3.81                      | 2.30                    |
| <b>07 21 26 00-0016 New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)</b>            |    |                                                                                            |                           |                         |
| 07 21 26 00-0017                                                                               | SF | 3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation .....                          | 2.04                      | 1.15                    |
| 07 21 26 00-0018                                                                               | SF | 5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation .....                          | 2.71                      | 1.38                    |
| 07 21 26 00-0019                                                                               | SF | 7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation .....                          | 3.21                      | 1.50                    |
| 07 21 26 00-0020                                                                               | SF | 9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation .....                          | 3.80                      | 1.61                    |
| <b>07 21 26 00-0021 Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)</b>       |    |                                                                                            |                           |                         |
| Note: Includes drilling. Excludes patching.                                                    |    |                                                                                            |                           |                         |
| 07 21 26 00-0022                                                                               | SF | 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation .....                     | 1.94                      | 1.15                    |
| 07 21 26 00-0023                                                                               | SF | 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation .....                     | 2.60                      | 1.38                    |
| 07 21 26 00-0024                                                                               | SF | 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation .....                     | 3.10                      | 1.50                    |
| 07 21 26 00-0025                                                                               | SF | 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation .....                     | 3.69                      | 1.61                    |
| <b>07 21 26 00-0026 Cellulose Blown-In Insulation (07 21 26)</b>                               |    |                                                                                            |                           |                         |
| <b>07 21 26 00-0027 Attic, Cellulose Blown-In Insulation (07 21 26 00-0026)</b>                |    |                                                                                            |                           |                         |
| 07 21 26 00-0028                                                                               | SF | 3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation .....                              | 1.40                      | 1.15                    |
| 07 21 26 00-0029                                                                               | SF | 5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation .....                              | 1.65                      | 1.26                    |
| 07 21 26 00-0030                                                                               | SF | 6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation .....                              | 1.84                      | 1.38                    |
| 07 21 26 00-0031                                                                               | SF | 7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation .....                              | 2.11                      | 1.50                    |
| 07 21 26 00-0032                                                                               | SF | 8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation .....                              | 2.15                      | 1.50                    |
| 07 21 26 00-0033                                                                               | SF | 10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation .....                             | 2.45                      | 1.61                    |
| 07 21 26 00-0034                                                                               | SF | 11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation .....                             | 2.51                      | 1.61                    |
| 07 21 26 00-0035                                                                               | SF | 12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation .....                             | 2.74                      | 1.73                    |
| 07 21 26 00-0036                                                                               | SF | 13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation .....                             | 2.88                      | 1.73                    |
| 07 21 26 00-0037                                                                               | SF | 15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation .....                             | 3.10                      | 1.84                    |
| 07 21 26 00-0038                                                                               | SF | 16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation .....                             | 3.24                      | 1.84                    |
| <b>07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)</b>             |    |                                                                                            |                           |                         |
| 07 21 26 00-0040                                                                               | SF | 3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation .....                           | 1.80                      | 1.15                    |
| 07 21 26 00-0041                                                                               | SF | 5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation .....                           | 2.34                      | 1.38                    |
| 07 21 26 00-0042                                                                               | SF | 7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation .....                           | 2.71                      | 1.50                    |
| 07 21 26 00-0043                                                                               | SF | 9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation .....                           | 3.15                      | 1.61                    |
| <b>07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)</b>        |    |                                                                                            |                           |                         |
| Note: Includes drilling. Excludes patching.                                                    |    |                                                                                            |                           |                         |
| 07 21 26 00-0045                                                                               | SF | 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation .....                      | 1.69                      | 1.15                    |
| 07 21 26 00-0046                                                                               | SF | 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation .....                      | 2.23                      | 1.38                    |
| 07 21 26 00-0047                                                                               | SF | 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation .....                      | 2.60                      | 1.50                    |
| 07 21 26 00-0048                                                                               | SF | 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation .....                      | 3.04                      | 1.61                    |
| <b>07 21 29 Sprayed Insulation (07 21)</b>                                                     |    |                                                                                            |                           |                         |
| <b>07 21 29 00-0001 Fiber Sprayed On Insulation (07 21 29)</b>                                 |    |                                                                                            |                           |                         |
| Note: Per each 1" of thickness.                                                                |    |                                                                                            |                           |                         |
| 07 21 29 00-0002                                                                               | SF | 1" Thick, R2.7, Spray-on Perlite Insulation .....                                          | 2.45                      | 0.71                    |
| 07 21 29 00-0003                                                                               | SF | 1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation .....                             | 1.80                      | 0.71                    |
| <b>07 21 29 00-0004 Cellulose Sprayed On Insulation (07 21 29)</b>                             |    |                                                                                            |                           |                         |
| 07 21 29 00-0005                                                                               | SF | 1" Thick, Spray-on Cellulose Insulation .....                                              | 3.50                      | 0.71                    |
| <b>07 21 53 Reflective Insulation (07 21)</b>                                                  |    |                                                                                            |                           |                         |
| <b>07 21 53 00-0001 Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)</b> |    |                                                                                            |                           |                         |
| 07 21 53 00-0002                                                                               | SF | 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space ..... | 1.12                      |                         |
| <b>07 21 53 00-0003 Reflective Radiant Foil Backed Paper (07 21 53)</b>                        |    |                                                                                            |                           |                         |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Thermal Protection              |  |  | 07 20 |
| Thermal Insulation              |  |  | 07 21 |

07

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST      | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|
| 07 21 53 00-0004                                                                                                                                                                                                                                                                 | CSF Reflective Radiant Foil Backed Kraft Paper With Tape.....<br>For >15' To 20' Installed Height, Add<br>For >20' To 25' Installed Height, Add<br>For >25' To 30' Installed Height, Add                                                                                                   | 70.35<br>4.57<br>6.85<br>11.42 | 22.89                   |
| <b>07 22 Roof and Deck Insulation</b> (07 20)                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                            |                                |                         |
| <b>07 22 16 Roof Board Insulation</b> (07 22)                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                            |                                |                         |
| Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment. |                                                                                                                                                                                                                                                                                            |                                |                         |
| 07 22 16 00-0001                                                                                                                                                                                                                                                                 | Rigid Board Roofing Insulation (07 22 16)<br>Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board. |                                |                         |
| 07 22 16 00-0002                                                                                                                                                                                                                                                                 | Cold Adhesive Applied Rigid Board Roofing Insulation (07 22 16 00-0001)                                                                                                                                                                                                                    |                                |                         |
| 07 22 16 00-0003                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                                   |                                |                         |
| 07 22 16 00-0004                                                                                                                                                                                                                                                                 | SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                           | 2.38                           |                         |
| 07 22 16 00-0005                                                                                                                                                                                                                                                                 | SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                         | 2.75                           |                         |
| 07 22 16 00-0006                                                                                                                                                                                                                                                                 | SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                             | 3.12                           |                         |
| 07 22 16 00-0007                                                                                                                                                                                                                                                                 | SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                         | 3.77                           |                         |
| 07 22 16 00-0008                                                                                                                                                                                                                                                                 | SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                               | 4.42                           |                         |
| 07 22 16 00-0009                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                             |                                |                         |
| 07 22 16 00-0010                                                                                                                                                                                                                                                                 | SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                     | 2.69                           |                         |
| 07 22 16 00-0011                                                                                                                                                                                                                                                                 | SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                       | 3.00                           |                         |
| 07 22 16 00-0012                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Perlite, Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                                                   |                                |                         |
| 07 22 16 00-0013                                                                                                                                                                                                                                                                 | SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                          | 2.31                           |                         |
| 07 22 16 00-0014                                                                                                                                                                                                                                                                 | SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                          | 2.31                           |                         |
| 07 22 16 00-0015                                                                                                                                                                                                                                                                 | SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                          | 2.53                           |                         |
| 07 22 16 00-0016                                                                                                                                                                                                                                                                 | SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                            | 2.78                           |                         |
| 07 22 16 00-0017                                                                                                                                                                                                                                                                 | SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                        | 3.40                           |                         |
| 07 22 16 00-0018                                                                                                                                                                                                                                                                 | SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                            | 3.79                           |                         |
| 07 22 16 00-0019                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                                       |                                |                         |
| 07 22 16 00-0020                                                                                                                                                                                                                                                                 | SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                 | 3.12                           |                         |
| 07 22 16 00-0021                                                                                                                                                                                                                                                                 | SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                 | 4.10                           |                         |
| 07 22 16 00-0022                                                                                                                                                                                                                                                                 | SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                                | 5.27                           |                         |
| 07 22 16 00-0023                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                               |                                |                         |
| 07 22 16 00-0024                                                                                                                                                                                                                                                                 | SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                    | 5.59                           |                         |
| 07 22 16 00-0025                                                                                                                                                                                                                                                                 | SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                        | 6.54                           |                         |
| 07 22 16 00-0026                                                                                                                                                                                                                                                                 | SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                    | 8.45                           |                         |
| 07 22 16 00-0027                                                                                                                                                                                                                                                                 | SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....                                                                                                                                                                                   | 12.63                          |                         |
| 07 22 16 00-0028                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0002)                                                                                                                                                                                               |                                |                         |
| 07 22 16 00-0029                                                                                                                                                                                                                                                                 | SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                               | 2.19                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.20                          |                         |
| 07 22 16 00-0030                                                                                                                                                                                                                                                                 | SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                               | 2.18                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.20                          |                         |
| 07 22 16 00-0031                                                                                                                                                                                                                                                                 | SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                               | 2.41                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.20                          |                         |
| 07 22 16 00-0032                                                                                                                                                                                                                                                                 | SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                 | 2.64                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.20                          |                         |
| 07 22 16 00-0033                                                                                                                                                                                                                                                                 | SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                 | 3.58                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.22                          |                         |
| 07 22 16 00-0034                                                                                                                                                                                                                                                                 | SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                | 4.51                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.23                          |                         |
| 07 22 16 00-0035                                                                                                                                                                                                                                                                 | SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                | 5.44                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.24                          |                         |
| 07 22 16 00-0036                                                                                                                                                                                                                                                                 | SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                | 6.37                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.26                          |                         |
| 07 22 16 00-0037                                                                                                                                                                                                                                                                 | SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....                                                                                                                                                                                 | 7.30                           |                         |
|                                                                                                                                                                                                                                                                                  | For Loose-Laid, Deduct                                                                                                                                                                                                                                                                     | -1.27                          |                         |
| 07 22 16 00-0038                                                                                                                                                                                                                                                                 | Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0002)<br>Note: 15 PSI compressive strength.                                                                                                                                                                |                                |                         |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

| MINOR            | CSI | UOM                                                                                                               | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 22 16 00-0039 | SF  | 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                              | .....       | 3.19                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.23                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.34                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.80                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.27                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 5.51                      |                         |
| 07 22 16 00-0040 | SF  | 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                                | .....       | 3.03                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.23                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.31                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.73                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.17                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 5.07                      |                         |
| 07 22 16 00-0041 | SF  | 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                            | .....       | 4.15                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.23                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.49                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.16                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.82                      |                         |
|                  |     | <i>For 100 PSI Compressive Strength, Add</i>                                                                      | .....       | 2.34                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 7.95                      |                         |
| 07 22 16 00-0042 | SF  | 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                               | .....       | 4.29                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.24                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.51                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.20                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.89                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 8.26                      |                         |
| 07 22 16 00-0043 | SF  | 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                           | .....       | 5.73                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.24                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.74                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.75                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 2.73                      |                         |
|                  |     | <i>For 100 PSI Compressive Strength, Add</i>                                                                      | .....       | 3.51                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 11.96                     |                         |
| 07 22 16 00-0044 | SF  | 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                               | .....       | 5.56                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.26                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.71                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.68                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 2.62                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 11.45                     |                         |
| 07 22 16 00-0045 | SF  | 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied                               | .....       | 6.21                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.27                     |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.80                      |                         |
|                  |     | <i>For 40 PSI Compressive Strength, Add</i>                                                                       | .....       | 1.91                      |                         |
|                  |     | <i>For 60 PSI Compressive Strength, Add</i>                                                                       | .....       | 2.98                      |                         |
|                  |     | <i>For 115 PSI Compressive Strength, Add</i>                                                                      | .....       | 13.05                     |                         |
| 07 22 16 00-0046 |     | <b>Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation</b> (07 22 16 00-0002)                        |             |                           |                         |
| 07 22 16 00-0047 | SF  | 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                  | .....       | 2.85                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.23                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.18                      |                         |
| 07 22 16 00-0048 | SF  | 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                    | .....       | 2.97                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.23                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.19                      |                         |
| 07 22 16 00-0049 | SF  | 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                | .....       | 3.14                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.24                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.20                      |                         |
| 07 22 16 00-0050 | SF  | 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                   | .....       | 3.59                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.24                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.25                      |                         |
| 07 22 16 00-0051 | SF  | 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                               | .....       | 4.05                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.25                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.29                      |                         |
| 07 22 16 00-0052 | SF  | 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                   | .....       | 4.51                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.26                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.34                      |                         |
| 07 22 16 00-0053 | SF  | 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                               | .....       | 5.00                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.26                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.38                      |                         |
| 07 22 16 00-0054 | SF  | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied                                   | .....       | 5.45                      |                         |
|                  |     | <i>For Loose-Laid, Deduct</i>                                                                                     | .....       | -1.27                     |                         |
|                  |     | <i>For Foil Facer, Add</i>                                                                                        | .....       | 0.36                      |                         |
|                  |     | <i>For 25 PSI Compressive Strength, Add</i>                                                                       | .....       | 0.43                      |                         |
| 07 22 16 00-0055 |     | <b>Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation</b> (07 22 16 00-0002) |             |                           |                         |
| 07 22 16 00-0056 | SF  | 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied         | .....       | 3.23                      |                         |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR                                                                                            |                                                                                                                                                           | TOTAL DIRECT |      | DEMOLITION |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------|------------|
| CSI UOM DESCRIPTION                                                                              |                                                                                                                                                           | UNIT COST    |      | UNIT COST  |
| 07 22 16 00-0057                                                                                 | Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)                                                              |              |      |            |
| 07 22 16 00-0058                                                                                 | SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied .....                                               |              | 3.05 |            |
| 07 22 16 00-0059                                                                                 | SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied .....                                               |              | 3.24 |            |
| 07 22 16 00-0060                                                                                 | SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied .....                                               |              | 3.37 |            |
| 07 22 16 00-0061                                                                                 | SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied .....                                               |              | 3.43 |            |
| 07 22 16 00-0062                                                                                 | Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)                                                                 |              |      |            |
| 07 22 16 00-0063                                                                                 | SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied .....                                              |              | 2.99 |            |
| 07 22 16 00-0064                                                                                 | SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied .....                                              |              | 3.27 |            |
| 07 22 16 00-0065                                                                                 | SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied .....                                              |              | 3.34 |            |
| 07 22 16 00-0066                                                                                 | Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002)                                      |              |      |            |
| Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. |                                                                                                                                                           |              |      |            |
| 07 22 16 00-0067                                                                                 | SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                              |              | 5.21 |            |
| 07 22 16 00-0068                                                                                 | SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                                |              | 5.47 |            |
| 07 22 16 00-0069                                                                                 | SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                             |              | 5.83 |            |
| 07 22 16 00-0070                                                                                 | SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                               |              | 6.06 |            |
| 07 22 16 00-0071                                                                                 | SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                             |              | 6.58 |            |
| 07 22 16 00-0072                                                                                 | SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                               |              | 6.81 |            |
| 07 22 16 00-0073                                                                                 | SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied .....                             |              | 7.15 |            |
| 07 22 16 00-0074                                                                                 | Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002)          |              |      |            |
| Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. |                                                                                                                                                           |              |      |            |
| 07 22 16 00-0075                                                                                 | SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....  |              | 5.26 |            |
| 07 22 16 00-0076                                                                                 | SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....    |              | 5.72 |            |
| 07 22 16 00-0077                                                                                 | SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied ..... |              | 6.28 |            |
| 07 22 16 00-0078                                                                                 | SF 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....   |              | 6.65 |            |
| 07 22 16 00-0079                                                                                 | SF 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied ..... |              | 7.11 |            |
| 07 22 16 00-0080                                                                                 | SF 5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....   |              | 7.61 |            |
| 07 22 16 00-0081                                                                                 | SF 5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied ..... |              | 8.51 |            |
| 07 22 16 00-0082                                                                                 | Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)                                                                                              |              |      |            |
| 07 22 16 00-0083                                                                                 | Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)                                                                             |              |      |            |
| 07 22 16 00-0084                                                                                 | SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....                                                                     |              | 2.11 |            |
| 07 22 16 00-0085                                                                                 | SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....                                                                   |              | 2.47 |            |
| 07 22 16 00-0086                                                                                 | SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....                                                                       |              | 2.84 |            |
| 07 22 16 00-0087                                                                                 | SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....                                                                   |              | 3.51 |            |
| 07 22 16 00-0088                                                                                 | SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....                                                                         |              | 4.18 |            |
| 07 22 16 00-0089                                                                                 | Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)                                                                       |              |      |            |
| 07 22 16 00-0090                                                                                 | SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped .....                                                               |              | 2.41 |            |
| 07 22 16 00-0091                                                                                 | SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped .....                                                                 |              | 2.73 |            |
| 07 22 16 00-0092                                                                                 | Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)                                                                                             |              |      |            |
| 07 22 16 00-0093                                                                                 | SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped .....                                                                                    |              | 2.01 |            |
| 07 22 16 00-0094                                                                                 | SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped .....                                                                                    |              | 2.21 |            |
| 07 22 16 00-0095                                                                                 | SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped .....                                                                                      |              | 2.48 |            |
| 07 22 16 00-0096                                                                                 | SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped .....                                                                                  |              | 3.10 |            |
| 07 22 16 00-0097                                                                                 | SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped .....                                                                                      |              | 3.49 |            |
| 07 22 16 00-0098                                                                                 | Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)                                                                                 |              |      |            |
| 07 22 16 00-0099                                                                                 | SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....                                                                           |              | 2.82 |            |
| 07 22 16 00-0100                                                                                 | SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....                                                                           |              | 3.80 |            |
| 07 22 16 00-0101                                                                                 | SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....                                                                          |              | 4.99 |            |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                   |       |
|------------------|---------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0102 | Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)                 |       |
| 07 22 16 00-0103 | SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....      | 5.28  |
| 07 22 16 00-0104 | SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....          | 6.24  |
| 07 22 16 00-0105 | SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....      | 8.17  |
| 07 22 16 00-0106 | SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....     | 12.35 |
| 07 22 16 00-0107 | Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)                 |       |
| 07 22 16 00-0108 | SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped ..... | 1.89  |
| 07 22 16 00-0109 | SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped ..... | 1.88  |
| 07 22 16 00-0110 | SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped ..... | 2.00  |
| 07 22 16 00-0111 | SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....   | 2.33  |
| 07 22 16 00-0112 | SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....   | 3.26  |
| 07 22 16 00-0113 | SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....  | 4.21  |
| 07 22 16 00-0114 | SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....  | 5.13  |
| 07 22 16 00-0115 | SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....  | 6.08  |
| 07 22 16 00-0116 | SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....   | 7.01  |
| 07 22 16 00-0117 | Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)                        |       |
|                  | Note: 15 PSI compressive strength.                                                                |       |
| 07 22 16 00-0118 | SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....                | 2.88  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.27  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 0.64  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 1.04  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 4.46  |
| 07 22 16 00-0119 | SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....                  | 2.73  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.24  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 0.58  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 0.94  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 4.03  |
| 07 22 16 00-0120 | SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....              | 3.85  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.42  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 1.00  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 1.59  |
|                  | For 100 PSI Compressive Strength, Add .....                                                       | 2.04  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 6.91  |
| 07 22 16 00-0121 | SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....                 | 4.13  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.44  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 1.05  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 1.67  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 7.23  |
| 07 22 16 00-0122 | SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....             | 16.56 |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.67  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 1.60  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 3.05  |
|                  | For 100 PSI Compressive Strength, Add .....                                                       | 3.77  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 12.03 |
| 07 22 16 00-0123 | SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....                 | 5.28  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.64  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 1.52  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 2.38  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 10.41 |
| 07 22 16 00-0124 | SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....                 | 5.92  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.74  |
|                  | For 40 PSI Compressive Strength, Add .....                                                        | 1.76  |
|                  | For 60 PSI Compressive Strength, Add .....                                                        | 2.74  |
|                  | For 115 PSI Compressive Strength, Add .....                                                       | 12.00 |
| 07 22 16 00-0125 | Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)                          |       |
| 07 22 16 00-0126 | SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                    | 2.55  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.14  |
| 07 22 16 00-0127 | SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                      | 2.67  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.15  |
| 07 22 16 00-0128 | SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                  | 2.83  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.16  |
| 07 22 16 00-0129 | SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                     | 3.29  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.21  |
| 07 22 16 00-0130 | SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                 | 3.77  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.25  |
| 07 22 16 00-0131 | SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....                     | 4.23  |
|                  | For Foil Facer, Add .....                                                                         | 0.36  |
|                  | For 25 PSI Compressive Strength, Add .....                                                        | 0.30  |





|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT UNIT COST                                               | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------|
| 07 22 16 00-0132 | SF  |     | 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....<br><i>For Foil Facer, Add</i><br><i>For 25 PSI Compressive Strength, Add</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4.59<br>0.36<br>0.34                                                 |                      |
| 07 22 16 00-0133 | SF  |     | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....<br><i>For Foil Facer, Add</i><br><i>For 25 PSI Compressive Strength, Add</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.15<br>0.36<br>0.39                                                 |                      |
| 07 22 16 00-0134 |     |     | Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock)<br><small>(0082)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                      |                      |
| 07 22 16 00-0135 | SF  |     | 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.78                                                                 |                      |
| 07 22 16 00-0136 | SF  |     | 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.97                                                                 |                      |
| 07 22 16 00-0137 | SF  |     | 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.09                                                                 |                      |
| 07 22 16 00-0138 | SF  |     | 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.16                                                                 |                      |
| 07 22 16 00-0139 |     |     | Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock)<br><small>(07 22 16 00-0082)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                      |                      |
| 07 22 16 00-0140 | SF  |     | 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.72                                                                 |                      |
| 07 22 16 00-0141 | SF  |     | 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.00                                                                 |                      |
| 07 22 16 00-0142 | SF  |     | 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.06                                                                 |                      |
| 07 22 16 00-0143 |     |     | Mechanically Fastened Rigid Board Roofing Insulation<br><small>(07 22 16 00-0001)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |                      |
| 07 22 16 00-0144 |     |     | Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation<br><small>(07 22 16 00-0143)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                      |                      |
| 07 22 16 00-0145 | SF  |     | 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....<br><i>For Mechanically Fastened To Concrete, Add</i><br><i>For Mechanically Fastened To Gypsum, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>   | 2.19<br>1.53<br>2.04<br>0.73<br>2.43<br>2.54<br>1.09<br>3.45<br>3.81 |                      |
| 07 22 16 00-0146 | SF  |     | 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....<br><i>For Mechanically Fastened To Concrete, Add</i><br><i>For Mechanically Fastened To Gypsum, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i> | 2.56<br>1.53<br>2.04<br>0.73<br>2.45<br>2.54<br>1.09<br>3.47<br>3.81 |                      |
| 07 22 16 00-0147 | SF  |     | 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....<br><i>For Mechanically Fastened To Concrete, Add</i><br><i>For Mechanically Fastened To Gypsum, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>     | 2.92<br>1.53<br>2.04<br>0.73<br>2.48<br>2.54<br>1.09<br>3.50<br>3.81 |                      |
| 07 22 16 00-0148 | SF  |     | 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....<br><i>For Mechanically Fastened To Concrete, Add</i><br><i>For Mechanically Fastened To Gypsum, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i> | 3.67<br>1.58<br>2.04<br>0.90<br>2.17<br>2.54<br>1.35<br>3.26<br>3.81 |                      |
| 07 22 16 00-0149 | SF  |     | 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....<br><i>For Mechanically Fastened To Concrete, Add</i><br><i>For Mechanically Fastened To Gypsum, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i><br><i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i><br><i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>       | 4.32<br>1.58<br>1.98<br>0.90<br>2.17<br>2.57<br>1.35<br>3.26<br>3.86 |                      |
| 07 22 16 00-0150 |     |     | Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation<br><small>(07 22 16 00-0143)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                      |                      |
|                  |     |     | Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0151 | SF  | 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened .....                                          | 2.49                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.48                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.50                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0152 | SF  | 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened .....                                            | 2.81                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.48                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.50                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0153 |     | <b>Mechanically Fastened, Perlite, Roof Board Insulation</b> (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel.             |                           |                         |
| 07 22 16 00-0154 | SF  | 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened .....                                                               | 2.12                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.38                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.40                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0155 | SF  | 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened .....                                                               | 2.33                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.38                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.40                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0156 | SF  | 1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened .....                                                                 | 2.59                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.38                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.40                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0157 | SF  | 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened .....                                                             | 3.29                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.58                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.90                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.17                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.35                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.26                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |
| 07 22 16 00-0158 | SF  | 2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened .....                                                                 | 3.69                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.58                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 1.98                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.90                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.17                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.57                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.35                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.26                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.86                      |                         |
| 07 22 16 00-0159 |     | <b>Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation</b> (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel. |                           |                         |
| 07 22 16 00-0160 | SF  | 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened .....                                                      | 2.93                      |                         |
|                  |     | For Mechanically Fastened To Concrete, Add                                                                                                   | 1.53                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                                                                     | 2.04                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                         | 0.73                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                              | 2.38                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                | 2.54                      |                         |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                        | 1.09                      |                         |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                             | 3.40                      |                         |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                               | 3.81                      |                         |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0161 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....                                                        | 4.00                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.58                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 1.98                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 0.90                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.17                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.57                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.35                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.26                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 3.86                      |                         |
| 07 22 16 00-0162 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....                                                       | 5.26                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.62                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 2.06                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 1.02                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.68                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.79                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.54                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.85                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 4.12                      |                         |
| 07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board<br>Insulation (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel. |                           |                         |
| 07 22 16 00-0164 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....                                          | 5.48                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.58                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 2.04                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 0.90                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.17                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.35                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.26                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 3.81                      |                         |
| 07 22 16 00-0165 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....                                               | 6.44                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.58                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 1.98                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 0.90                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.17                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.57                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.35                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.26                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 3.86                      |                         |
| 07 22 16 00-0166 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....                                          | 8.44                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.62                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 2.06                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 1.02                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.68                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.79                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.54                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.85                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 4.12                      |                         |
| 07 22 16 00-0167 SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....                                         | 12.77                     |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.67                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 1.99                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 1.22                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.51                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 3.21                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.83                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.77                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 4.63                      |                         |
| 07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board<br>Insulation (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel. |                           |                         |
| 07 22 16 00-0169 SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....                                      | 1.99                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.53                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 2.04                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 0.73                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.36                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.09                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.38                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 3.81                      |                         |
| 07 22 16 00-0170 SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....                                      | 1.98                      |                         |
| For Mechanically Fastened To Concrete, Add                                                                                                                        | 1.53                      |                         |
| For Mechanically Fastened To Gypsum, Add                                                                                                                          | 2.04                      |                         |
| For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                              | 0.73                      |                         |
| For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                   | 2.36                      |                         |
| For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                     | 2.54                      |                         |
| For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                             | 1.09                      |                         |
| For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                  | 3.38                      |                         |
| For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                    | 3.81                      |                         |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                             |      |
|------------------|-------------------------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0171 | SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened..... | 2.22 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.36 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 3.38 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 3.81 |
| 07 22 16 00-0172 | SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....   | 2.45 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.36 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 3.38 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 3.81 |
| 07 22 16 00-0173 | SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....   | 3.47 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.58 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 1.98 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 0.90 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.17 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 2.57 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 1.35 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 3.26 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 3.86 |
| 07 22 16 00-0174 | SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....  | 4.50 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.62 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.06 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 1.02 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.66 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 2.79 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 1.54 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 3.83 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 4.12 |
| 07 22 16 00-0175 | SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....  | 5.58 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.67 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.06 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 1.22 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.51 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 2.90 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 1.83 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 3.77 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 4.36 |
| 07 22 16 00-0176 | SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....  | 6.70 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.71 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.02 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 1.45 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 2.74 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 3.43 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 2.17 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 4.12 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 4.97 |
| 07 22 16 00-0177 | SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....   | 8.16 |
|                  | For Mechanically Fastened To Concrete, Add                                                                  | 1.76 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                    | 2.00 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                        | 1.76 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                             | 3.06 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                               | 3.69 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                       | 2.64 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                            | 4.60 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                              | 5.35 |

**07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation** (07 22 16 00-0143)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

|                  |                                                                                              |      |
|------------------|----------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0179 | SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened..... | 3.00 |
|                  | For 25 PSI Compressive Strength, Add                                                         | 0.31 |
|                  | For 40 PSI Compressive Strength, Add                                                         | 0.73 |
|                  | For 60 PSI Compressive Strength, Add                                                         | 1.16 |
|                  | For 115 PSI Compressive Strength, Add                                                        | 5.02 |
|                  | For Mechanically Fastened To Concrete, Add                                                   | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                                     | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                         | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                              | 2.38 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                        | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                             | 3.40 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                               | 3.81 |



| MINOR            | CSI | UOM                                                                                     | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 22 16 00-0180 | SF  | 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened      | .....       | 2.84                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.28                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 0.66                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 1.06                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 4.58                   |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.53                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 2.04                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 0.73                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.38                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.54                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.09                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.40                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 3.81                   |                      |
| 07 22 16 00-0181 | SF  | 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened  | .....       | 4.05                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.47                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 1.12                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 1.77                   |                      |
|                  |     | For 100 PSI Compressive Strength, Add                                                   | .....       | 2.27                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 7.69                   |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.58                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 2.04                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 0.90                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.17                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.54                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.35                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.26                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 3.81                   |                      |
| 07 22 16 00-0182 | SF  | 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened     | .....       | 4.19                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.49                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 1.17                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 1.84                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 8.00                   |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.58                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 1.98                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 0.90                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.17                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.57                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.35                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.26                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 3.86                   |                      |
| 07 22 16 00-0183 | SF  | 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened | .....       | 5.72                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.74                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 1.75                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 2.72                   |                      |
|                  |     | For 100 PSI Compressive Strength, Add                                                   | .....       | 3.51                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 11.93                  |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.62                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 2.00                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 1.02                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.67                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.68                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.54                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.84                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 4.04                   |                      |
| 07 22 16 00-0184 | SF  | 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened     | .....       | 5.55                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.70                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 1.67                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 2.61                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 11.42                  |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.62                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 2.06                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 1.02                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.68                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.79                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.54                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.85                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 4.12                   |                      |
| 07 22 16 00-0185 | SF  | 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened     | .....       | 6.35                   |                      |
|                  |     | For 25 PSI Compressive Strength, Add                                                    | .....       | 0.83                   |                      |
|                  |     | For 40 PSI Compressive Strength, Add                                                    | .....       | 1.96                   |                      |
|                  |     | For 60 PSI Compressive Strength, Add                                                    | .....       | 3.06                   |                      |
|                  |     | For 115 PSI Compressive Strength, Add                                                   | .....       | 13.40                  |                      |
|                  |     | For Mechanically Fastened To Concrete, Add                                              | .....       | 1.67                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, Add                                                | .....       | 2.06                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                    | .....       | 1.22                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                         | .....       | 2.51                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                           | .....       | 2.90                   |                      |
|                  |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                   | .....       | 1.83                   |                      |
|                  |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                        | .....       | 3.77                   |                      |
|                  |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                          | .....       | 4.36                   |                      |
| 07 22 16 00-0186 |     | Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)     |             |                        |                      |
|                  |     | Note: Mechanically fastened to wood or steel.                                           |             |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                        |      |
|------------------|----------------------------------------------------------------------------------------|------|
| 07 22 16 00-0187 | SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened    | 2.66 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.16 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.38 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.40 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 3.81 |
| 07 22 16 00-0188 | SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened      | 2.78 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.17 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.38 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.40 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 3.81 |
| 07 22 16 00-0189 | SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened  | 3.03 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.19 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.58 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 0.90 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.17 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.35 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.26 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 3.81 |
| 07 22 16 00-0190 | SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened     | 3.49 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.24 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.58 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 1.98 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 0.90 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.17 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.57 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.35 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.26 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 3.86 |
| 07 22 16 00-0191 | SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 4.04 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.29 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.62 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 2.00 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 1.02 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.68 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.68 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.54 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.85 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 4.04 |
| 07 22 16 00-0192 | SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened     | 4.50 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.34 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.62 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 2.06 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 1.02 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.68 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 2.79 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.54 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.85 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 4.12 |
| 07 22 16 00-0193 | SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened | 5.15 |
|                  | For Foil Facer, Add                                                                    | 0.36 |
|                  | For 25 PSI Compressive Strength, Add                                                   | 0.40 |
|                  | For Mechanically Fastened To Concrete, Add                                             | 1.67 |
|                  | For Mechanically Fastened To Gypsum, Add                                               | 1.99 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                   | 1.22 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                        | 2.51 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                          | 3.21 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                  | 1.83 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                       | 3.77 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                         | 4.63 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0194 | SF  |     | 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened ..... 5.59<br>For Foil Facer, Add 0.36<br>For 25 PSI Compressive Strength, Add 0.44<br>For Mechanically Fastened To Concrete, Add 1.67<br>For Mechanically Fastened To Gypsum, Add 2.06<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.22<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.51<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.90<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.83<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.77<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 4.36 |                        |                      |
| 07 22 16 00-0195 |     |     | Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                      |
| 07 22 16 00-0196 | SF  |     | 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened ..... 3.03<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                |                        |                      |
| 07 22 16 00-0197 |     |     | Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                      |
| 07 22 16 00-0198 | SF  |     | 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened ..... 2.86<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                       |                        |                      |
| 07 22 16 00-0199 | SF  |     | 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened ..... 3.05<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                       |                        |                      |
| 07 22 16 00-0200 | SF  |     | 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened ..... 3.17<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                       |                        |                      |
| 07 22 16 00-0201 | SF  |     | 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened ..... 3.24<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                       |                        |                      |
| 07 22 16 00-0202 |     |     | Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0143)<br>Note: Mechanically fastened to wood or steel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |                      |
| 07 22 16 00-0203 | SF  |     | 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened ..... 2.79<br>For Mechanically Fastened To Concrete, Add 1.53<br>For Mechanically Fastened To Gypsum, Add 2.04<br>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73<br>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43<br>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54<br>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09<br>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45<br>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81                                                      |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                        |      |
|------------------|--------------------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0204 | SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened | 3.08 |
|                  | For Mechanically Fastened To Concrete, Add                                                             | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                                               | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                   | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                        | 2.43 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                          | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                  | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                       | 3.45 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                         | 3.81 |
| 07 22 16 00-0205 | SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened | 3.14 |
|                  | For Mechanically Fastened To Concrete, Add                                                             | 1.53 |
|                  | For Mechanically Fastened To Gypsum, Add                                                               | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                   | 0.73 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                        | 2.43 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                          | 2.54 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                  | 1.09 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                       | 3.45 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                         | 3.81 |

**07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation** (07 22 16 00-0143)

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer, Mechanically fastened to wood or steel.

|                  |                                                                                                                         |      |
|------------------|-------------------------------------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0207 | SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened  | 5.11 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.58 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 2.04 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 0.90 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.17 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 2.57 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.35 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.26 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 3.86 |
| 07 22 16 00-0208 | SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened    | 5.37 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.58 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 1.98 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 0.90 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.17 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 2.57 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.35 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.26 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 3.86 |
| 07 22 16 00-0209 | SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 5.82 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.62 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 2.00 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.02 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.85 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 2.68 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.54 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 4.02 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 4.04 |
| 07 22 16 00-0210 | SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened   | 6.05 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.62 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 2.06 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.02 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.86 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 2.79 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.54 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 4.03 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 4.12 |
| 07 22 16 00-0211 | SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened | 6.73 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.67 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 1.99 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.22 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.51 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 3.40 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.83 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.77 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 4.82 |
| 07 22 16 00-0212 | SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened   | 6.95 |
|                  | For Mechanically Fastened To Concrete, Add                                                                              | 1.67 |
|                  | For Mechanically Fastened To Gypsum, Add                                                                                | 2.06 |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.22 |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.51 |
|                  | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                           | 2.90 |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.83 |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.77 |
|                  | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                          | 4.36 |





|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                             | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0213 | SF  |     | 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened                                    | 7.48                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 3.62                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 5.21                   |                      |
| 07 22 16 00-0214 |     |     | <b>Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation</b> (07 22 16 00-0143) |                        |                      |
|                  |     |     | Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.                |                        |                      |
| 07 22 16 00-0215 | SF  |     | 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened         | 5.25                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.84                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 2.68                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.01                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 4.04                   |                      |
| 07 22 16 00-0216 | SF  |     | 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened           | 5.71                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.84                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 2.79                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.01                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 4.12                   |                      |
| 07 22 16 00-0217 | SF  |     | 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened        | 6.42                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 1.99                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 3.38                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 1.83                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 4.80                   |                      |
| 07 22 16 00-0218 | SF  |     | 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened          | 6.79                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 2.90                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 1.83                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 4.36                   |                      |
| 07 22 16 00-0219 | SF  |     | 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened        | 7.44                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 3.62                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 5.16                   |                      |
| 07 22 16 00-0220 | SF  |     | 5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened          | 7.95                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 3.62                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 5.16                   |                      |
| 07 22 16 00-0221 | SF  |     | 5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened        | 9.11                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                              | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                    | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                         | 3.06                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                           | 3.92                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                   | 2.64                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                        | 4.60                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                          | 5.58                   |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                                                                                                                                                                                                                                                                                  |       |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0222 | <b>Rigid Board Tapered Roofing Insulation</b> (07 22 16)                                                                                                                                                                                                                                                                                                         |       |
|                  | Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board. |       |
| 07 22 16 00-0223 | <b>Cold Adhesive Applied Rigid Board Tapered Roofing Insulation</b> (07 22 16 00-0222)                                                                                                                                                                                                                                                                           |       |
| 07 22 16 00-0224 | <b>Cold Adhesive Applied, Tapered Polyisocyanurate Board</b> (07 22 16 00-0223)                                                                                                                                                                                                                                                                                  |       |
|                  | Note: Includes polyurethane adhesive.                                                                                                                                                                                                                                                                                                                            |       |
| 07 22 16 00-0225 | <b>Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0224)                                                                                                                                                                                                                                                                      |       |
| 07 22 16 00-0226 | SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 5.03  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.34  |
| 07 22 16 00-0227 | SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 6.94  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.40  |
| 07 22 16 00-0228 | SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 7.55  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.46  |
| 07 22 16 00-0229 | SF 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 8.15  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.52  |
| 07 22 16 00-0230 | SF 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 8.76  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.58  |
| 07 22 16 00-0231 | SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 10.69 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.65  |
| 07 22 16 00-0232 | SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 11.29 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.71  |
| 07 22 16 00-0233 | SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 11.90 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.77  |
| 07 22 16 00-0234 | SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 12.50 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.83  |
| 07 22 16 00-0235 | SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                        | 14.40 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.89  |
| 07 22 16 00-0236 | <b>Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0224)                                                                                                                                                                                                                                                                      |       |
| 07 22 16 00-0237 | SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 4.73  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.31  |
| 07 22 16 00-0238 | SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 7.25  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.43  |
| 07 22 16 00-0239 | SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 8.45  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.55  |
| 07 22 16 00-0240 | SF 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 10.99 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.68  |
| 07 22 16 00-0241 | SF 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 12.20 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.80  |
| 07 22 16 00-0242 | SF 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                           | 14.70 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.92  |
| 07 22 16 00-0243 | <b>Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0224)                                                                                                                                                                                                                                                                      |       |
| 07 22 16 00-0244 | SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                         | 7.85  |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.49  |
| 07 22 16 00-0245 | SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                         | 11.59 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.74  |
| 07 22 16 00-0246 | SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                         | 15.31 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 0.98  |
| 07 22 16 00-0247 | SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....                                                                                                                                                                                                                                         | 19.05 |
|                  | For 25 PSI Compressive Strength, Add.....                                                                                                                                                                                                                                                                                                                        | 1.22  |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0248 |     | Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) <sup>(07 22 16 00-0223)</sup><br>Note: Includes polyurethane adhesive.  |                           |                         |
| 07 22 16 00-0249 |     | Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) <sup>(07 22 16 00-0248)</sup>                               |                           |                         |
| 07 22 16 00-0250 | SF  | 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 4.35                      |                         |
| 07 22 16 00-0251 | SF  | 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 6.27                      |                         |
| 07 22 16 00-0252 | SF  | 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 6.73                      |                         |
| 07 22 16 00-0253 | SF  | 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 7.18                      |                         |
| 07 22 16 00-0254 | SF  | 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 7.63                      |                         |
| 07 22 16 00-0255 | SF  | 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 9.57                      |                         |
| 07 22 16 00-0256 | SF  | 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 10.02                     |                         |
| 07 22 16 00-0257 | SF  | 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 10.47                     |                         |
| 07 22 16 00-0258 | SF  | 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 10.93                     |                         |
| 07 22 16 00-0259 | SF  | 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied            | 12.84                     |                         |
| 07 22 16 00-0260 |     | Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) <sup>(07 22 16 00-0248)</sup>                               |                           |                         |
| 07 22 16 00-0261 | SF  | 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                   | 4.13                      |                         |
| 07 22 16 00-0262 | SF  | 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                | 6.50                      |                         |
| 07 22 16 00-0263 | SF  | 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                  | 7.41                      |                         |
| 07 22 16 00-0264 | SF  | 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                | 9.79                      |                         |
| 07 22 16 00-0265 | SF  | 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                  | 10.70                     |                         |
| 07 22 16 00-0266 | SF  | 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied                | 13.06                     |                         |
| 07 22 16 00-0267 |     | Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <sup>(07 22 16 00-0248)</sup>                               |                           |                         |
| 07 22 16 00-0268 | SF  | 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied             | 6.95                      |                         |
| 07 22 16 00-0269 | SF  | 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied             | 10.25                     |                         |
| 07 22 16 00-0270 | SF  | 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied             | 13.52                     |                         |
| 07 22 16 00-0271 | SF  | 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied             | 17.26                     |                         |
| 07 22 16 00-0272 |     | Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) <sup>(07 22 16 00-0223)</sup><br>Note: Includes polyurethane adhesive. |                           |                         |
| 07 22 16 00-0273 |     | Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <sup>(07 22 16 00-0272)</sup>                              |                           |                         |
| 07 22 16 00-0274 | SF  | 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 4.90                      |                         |
| 07 22 16 00-0275 | SF  | 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied          | 6.81                      |                         |
| 07 22 16 00-0276 | SF  | 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 7.38                      |                         |
| 07 22 16 00-0277 | SF  | 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 7.96                      |                         |
| 07 22 16 00-0278 | SF  | 4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 8.53                      |                         |
| 07 22 16 00-0279 | SF  | 4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 10.46                     |                         |
| 07 22 16 00-0280 | SF  | 5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 11.04                     |                         |
| 07 22 16 00-0281 | SF  | 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 11.61                     |                         |
| 07 22 16 00-0282 | SF  | 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 12.19                     |                         |
| 07 22 16 00-0283 | SF  | 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied           | 14.09                     |                         |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0284             |    | <b>Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> (07 22 16 00-0272)                             |                           |                         |
| 07 22 16 00-0285             | SF | 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....      | 4.61                      |                         |
| 07 22 16 00-0286             | SF | 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....    | 7.10                      |                         |
| 07 22 16 00-0287             | SF | 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....      | 8.24                      |                         |
| 07 22 16 00-0288             | SF | 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....    | 10.75                     |                         |
| 07 22 16 00-0289             | SF | 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....      | 11.90                     |                         |
| 07 22 16 00-0290             | SF | 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....    | 14.37                     |                         |
| 07 22 16 00-0291             |    | <b>Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> (07 22 16 00-0272)                             |                           |                         |
| 07 22 16 00-0292             | SF | 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied ..... | 7.67                      |                         |
|                              |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                                            | 1.62                      |                         |
|                              |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....                                                   | 2.06                      |                         |
| 07 22 16 00-0293             | SF | 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied ..... | 11.32                     |                         |
| 07 22 16 00-0294             | SF | 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied ..... | 14.95                     |                         |
| 07 22 16 00-0295             | SF | 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied ..... | 18.60                     |                         |
| 07 22 16 00-0296             |    | <b>Cold Adhesive Applied, Tapered Perlite Board</b> (07 22 16 00-0223)                                                             |                           |                         |
|                              |    | Note: Includes polyurethane adhesive.                                                                                              |                           |                         |
| 07 22 16 00-0297             |    | <b>Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board</b> (07 22 16 00-0296)                                                 |                           |                         |
| 07 22 16 00-0298             | SF | 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 7.11                      |                         |
| 07 22 16 00-0299             | SF | 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 8.13                      |                         |
| 07 22 16 00-0300             | SF | 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 9.39                      |                         |
| 07 22 16 00-0301             | SF | 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 9.77                      |                         |
| 07 22 16 00-0302             | SF | 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 11.03                     |                         |
| 07 22 16 00-0303             | SF | 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 12.05                     |                         |
| 07 22 16 00-0304             | SF | 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 13.32                     |                         |
| 07 22 16 00-0305             | SF | 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 13.69                     |                         |
| 07 22 16 00-0306             | SF | 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 14.95                     |                         |
| 07 22 16 00-0307             | SF | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                    | 15.97                     |                         |
| 07 22 16 00-0308             |    | <b>Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board</b> (07 22 16 00-0296)                                                 |                           |                         |
| 07 22 16 00-0309             | SF | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                        | 6.47                      |                         |
| 07 22 16 00-0310             | SF | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                        | 8.76                      |                         |
| 07 22 16 00-0311             | SF | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                       | 10.40                     |                         |
| 07 22 16 00-0312             | SF | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                        | 12.68                     |                         |
| 07 22 16 00-0313             | SF | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                       | 14.32                     |                         |
| 07 22 16 00-0314             | SF | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                       | 16.60                     |                         |
| 07 22 16 00-0315             |    | <b>Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board</b> (07 22 16 00-0296)                                                 |                           |                         |
| 07 22 16 00-0316             | SF | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                      | 10.02                     |                         |
| 07 22 16 00-0317             | SF | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 13.95                     |                         |
| 07 22 16 00-0318             | SF | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 17.86                     |                         |
| 07 22 16 00-0319             | SF | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied .....                     | 21.78                     |                         |
| 07 22 16 00-0320             |    | <b>Hot-Mopped Rigid Board Tapered Roofing Insulation</b> (07 22 16 00-0222)                                                        |                           |                         |
| 07 22 16 00-0321             |    | <b>Hot-Mopped, Tapered Polyisocyanurate Board</b> (07 22 16 00-0320)                                                               |                           |                         |
| 07 22 16 00-0322             |    | <b>Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0321)                                                   |                           |                         |
| 07 22 16 00-0323             | SF | 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 4.62                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.30                      |                         |
| 07 22 16 00-0324             | SF | 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 6.47                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.33                      |                         |
| 07 22 16 00-0325             | SF | 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 7.07                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.39                      |                         |
| 07 22 16 00-0326             | SF | 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 7.38                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.45                      |                         |
| 07 22 16 00-0327             | SF | 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 8.28                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.51                      |                         |
| 07 22 16 00-0328             | SF | 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 9.97                      |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.53                      |                         |
| 07 22 16 00-0329             | SF | 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....                       | 10.57                     |                         |
|                              |    | <i>For 25 PSI Compressive Strength, Add</i> .....                                                                                  | 0.59                      |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0330 | SF  |     | 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i> | 11.18<br>0.65          |                      |
| 07 22 16 00-0331 | SF  |     | 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i> | 11.78<br>0.71          |                      |
| 07 22 16 00-0332 | SF  |     | 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i> | 13.46<br>0.74          |                      |
| 07 22 16 00-0333 |     |     | Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)                                                                                   |                        |                      |
| 07 22 16 00-0334 | SF  |     | 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 4.48<br>0.27           |                      |
| 07 22 16 00-0335 | SF  |     | 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 6.77<br>0.36           |                      |
| 07 22 16 00-0336 | SF  |     | 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 7.98<br>0.48           |                      |
| 07 22 16 00-0337 | SF  |     | 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 10.27<br>0.56          |                      |
| 07 22 16 00-0338 | SF  |     | 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 11.48<br>0.68          |                      |
| 07 22 16 00-0339 | SF  |     | 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>    | 13.76<br>0.77          |                      |
| 07 22 16 00-0340 |     |     | Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)                                                                                   |                        |                      |
| 07 22 16 00-0341 | SF  |     | 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>  | 7.37<br>0.42           |                      |
| 07 22 16 00-0342 | SF  |     | 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>  | 10.87<br>0.62          |                      |
| 07 22 16 00-0343 | SF  |     | 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>  | 14.36<br>0.83          |                      |
| 07 22 16 00-0344 | SF  |     | 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....<br><i>For 25 PSI Compressive Strength, Add</i>  | 17.87<br>1.04          |                      |
| 07 22 16 00-0345 |     |     | Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)                                                                                                        |                        |                      |
| 07 22 16 00-0346 |     |     | Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)                                                                                            |                        |                      |
| 07 22 16 00-0347 | SF  |     | 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 6.21                   |                      |
| 07 22 16 00-0348 | SF  |     | 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 7.65                   |                      |
| 07 22 16 00-0349 | SF  |     | 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 8.92                   |                      |
| 07 22 16 00-0350 | SF  |     | 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 8.64                   |                      |
| 07 22 16 00-0351 | SF  |     | 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 9.90                   |                      |
| 07 22 16 00-0352 | SF  |     | 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 11.33                  |                      |
| 07 22 16 00-0353 | SF  |     | 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 12.60                  |                      |
| 07 22 16 00-0354 | SF  |     | 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 12.32                  |                      |
| 07 22 16 00-0355 | SF  |     | 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 13.58                  |                      |
| 07 22 16 00-0356 | SF  |     | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....                                                         | 15.02                  |                      |
| 07 22 16 00-0357 |     |     | Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)                                                                                            |                        |                      |
| 07 22 16 00-0358 | SF  |     | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                             | 5.57                   |                      |
| 07 22 16 00-0359 | SF  |     | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                             | 8.29                   |                      |
| 07 22 16 00-0360 | SF  |     | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                            | 9.27                   |                      |
| 07 22 16 00-0361 | SF  |     | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                             | 11.96                  |                      |
| 07 22 16 00-0362 | SF  |     | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                            | 12.95                  |                      |
| 07 22 16 00-0363 | SF  |     | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....                                                            | 15.65                  |                      |
| 07 22 16 00-0364 |     |     | Hot-Mopped, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0345)                                                                                            |                        |                      |
| 07 22 16 00-0365 | SF  |     | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....                                                           | 9.55                   |                      |
| 07 22 16 00-0366 | SF  |     | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 13.23                  |                      |
| 07 22 16 00-0367 | SF  |     | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 17.54                  |                      |
| 07 22 16 00-0368 | SF  |     | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....                                                          | 20.60                  |                      |
| 07 22 16 00-0369 |     |     | Mechanically Fastened Tapered Roofing Insulation (07 22 16 00-0222)                                                                                         |                        |                      |
| 07 22 16 00-0370 |     |     | Mechanically Fastened, Tapered Polyisocyanurate Board (07 22 16 00-0369)                                                                                    |                        |                      |
| 07 22 16 00-0371 |     |     | Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)                                                                        |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                        |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0372 | SF | 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 4.93  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.33  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.58  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 1.95  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 0.90  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.17  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 2.54  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 1.35  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 3.26  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 3.81  |
| 07 22 16 00-0373 | SF | 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 6.29  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.34  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.62  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 2.00  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.02  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.30  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 2.68  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 1.54  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 3.47  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.04  |
| 07 22 16 00-0374 | SF | 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 6.89  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.40  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.62  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 2.06  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.02  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.30  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 2.74  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 1.54  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 3.47  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.12  |
| 07 22 16 00-0375 | SF | 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 7.65  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.47  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.67  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 1.99  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.22  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.51  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 2.83  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 1.83  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 3.77  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.25  |
| 07 22 16 00-0376 | SF | 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 8.25  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.53  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.67  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 2.06  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.22  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.51  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 2.90  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 1.83  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 3.77  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.36  |
| 07 22 16 00-0377 | SF | 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 9.72  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.55  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.71  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 2.02  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.45  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.74  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 3.05  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 2.17  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 4.12  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.59  |
| 07 22 16 00-0378 | SF | 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 10.33 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                   | 0.61  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                             | 1.71  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                    | 2.02  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                   | 1.45  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                        | 2.74  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                               | 3.05  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                  | 2.17  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                       | 4.12  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                              | 4.59  |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|-------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0379             | SF | 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened ..... | 11.21                     |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.70                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.76                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 2.00                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.76                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 3.06                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 3.30                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 2.64                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 4.60                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 4.96                      |                         |
| 07 22 16 00-0380             | SF | 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened ..... | 11.81                     |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.76                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.76                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 2.00                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.76                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 3.06                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 3.30                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 2.64                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 4.60                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 4.96                      |                         |
| 07 22 16 00-0381             | SF | 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened ..... | 13.37                     |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.79                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.76                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 2.08                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 2.07                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 3.37                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 3.69                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 3.10                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 5.06                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 5.55                      |                         |
| 07 22 16 00-0382             |    | Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)                                    |                           |                         |
| 07 22 16 00-0383             | SF | 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....    | 4.63                      |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.30                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.58                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 1.95                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 0.90                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.17                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 2.54                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.35                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.26                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 3.81                      |                         |
| 07 22 16 00-0384             | SF | 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....    | 6.59                      |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.37                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.62                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 2.00                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.02                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.30                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 2.68                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.54                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.47                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 4.04                      |                         |
| 07 22 16 00-0385             | SF | 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....    | 7.95                      |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.50                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.67                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 1.99                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.22                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.51                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 2.83                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 1.83                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 3.77                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 4.25                      |                         |
| 07 22 16 00-0386             | SF | 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....    | 10.03                     |                         |
|                              |    | For 25 PSI Compressive Strength, Add                                                                                    | 0.58                      |                         |
|                              |    | For Mechanically Fastened To Concrete, Add                                                                              | 1.71                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                     | 2.02                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                    | 1.45                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                         | 2.74                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                | 3.05                      |                         |
|                              |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                   | 2.17                      |                         |
|                              |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                        | 4.12                      |                         |
|                              |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                               | 4.59                      |                         |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                     |       |
|------------------|----|---------------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0387 | SF | 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 11.51 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                | 0.73  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                          | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                 | 2.00  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                | 1.76  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                     | 3.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                            | 3.30  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                               | 2.64  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                    | 4.60  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                           | 4.96  |
| 07 22 16 00-0388 | SF | 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 13.67 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                | 0.82  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                          | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                 | 2.08  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                | 2.07  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                     | 3.37  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                            | 3.69  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                               | 3.10  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                    | 5.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                           | 5.55  |

**07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board** (07 22 16 00-0370)

|                  |    |                                                                                                                       |       |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0390 | SF | 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 7.19  |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                  | 0.43  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                            | 1.62  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                   | 2.06  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 1.02  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.30  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                              | 2.74  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 1.54  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 3.47  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                             | 4.12  |
| 07 22 16 00-0391 | SF | 5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....   | 10.24 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                  | 0.60  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                            | 1.71  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                   | 2.02  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 1.45  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 2.74  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                              | 3.05  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 2.17  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 4.12  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                             | 4.59  |
| 07 22 16 00-0392 | SF | 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 14.27 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                  | 0.88  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                            | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                   | 2.08  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 2.07  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 3.37  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                              | 3.69  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 3.10  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 5.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                             | 5.55  |
| 07 22 16 00-0393 | SF | 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened..... | 18.17 |
|                  |    | For 25 PSI Compressive Strength, Add                                                                                  | 1.14  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                            | 1.70  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                  | 2.90  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                       | 4.11  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                 | 4.35  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                      | 6.15  |

**07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS)** (07 22 16 00-0393)

Note: Mechanically fastened to wood or steel.

**07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)** (07 22 16 00-0394)

|                  |    |                                                                                                                                   |      |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0396 | SF | 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... | 4.25 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                        | 1.58 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 1.95 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 0.90 |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.17 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.54 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.35 |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.26 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 3.81 |





| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR               |                                                                                                                                      | TOTAL DIRECT |       | DEMOLITION |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|------------|
| CSI UOM DESCRIPTION |                                                                                                                                      | UNIT COST    |       | UNIT COST  |
| 07 22 16 00-0397    | SF 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 5.62  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.62  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.00  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.02  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.30  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 2.68  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 1.54  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 3.47  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.04  |            |
| 07 22 16 00-0398    | SF 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 6.07  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.62  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.06  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.02  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.30  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 2.74  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 1.54  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 3.47  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.12  |            |
| 07 22 16 00-0399    | SF 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 6.68  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.67  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 1.99  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.22  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.51  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 2.83  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 1.83  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 3.77  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.25  |            |
| 07 22 16 00-0400    | SF 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 7.13  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.67  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.06  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.22  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.51  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 2.90  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 1.83  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 3.77  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.36  |            |
| 07 22 16 00-0401    | SF 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 8.60  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.71  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.02  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.45  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.74  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 3.05  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 2.17  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 4.12  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.59  |            |
| 07 22 16 00-0402    | SF 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 9.06  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.71  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.02  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.45  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 2.74  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 3.05  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 2.17  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 4.12  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.59  |            |
| 07 22 16 00-0403    | SF 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 9.78  |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.76  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.00  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.76  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 3.06  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 3.30  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 2.64  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 4.60  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.96  |            |
| 07 22 16 00-0404    | SF 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... |              | 10.24 |            |
|                     | For Mechanically Fastened To Concrete, Add                                                                                           |              | 1.76  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                  |              | 2.00  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                 |              | 1.76  |            |
|                     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                      |              | 3.06  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                             |              | 3.30  |            |
|                     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                |              | 2.64  |            |
|                     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                     |              | 4.60  |            |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                            |              | 4.96  |            |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 22 16 00-0405 | SF  |     | 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... | 11.80                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.08                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 2.07                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.37                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.69                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 3.10                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 5.06                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 5.55                      |                         |
| 07 22 16 00-0406 |     |     | <b>Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0394)                             |                           |                         |
| 07 22 16 00-0407 | SF  |     | 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....        | 4.02                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.58                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 1.95                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 0.90                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.17                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.54                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.35                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.26                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 3.81                      |                         |
| 07 22 16 00-0408 | SF  |     | 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....     | 5.84                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.62                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.00                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.02                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.30                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.68                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.54                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.47                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.04                      |                         |
| 07 22 16 00-0409 | SF  |     | 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....       | 6.90                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.67                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 1.99                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.22                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.51                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.83                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.83                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.77                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.25                      |                         |
| 07 22 16 00-0410 | SF  |     | 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....     | 8.83                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.71                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.02                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.45                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.74                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.05                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 2.17                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 4.12                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.59                      |                         |
| 07 22 16 00-0411 | SF  |     | 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....       | 10.01                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.00                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.06                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.30                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 2.64                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 4.60                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.96                      |                         |
| 07 22 16 00-0412 | SF  |     | 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....     | 12.03                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.08                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 2.07                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.37                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.69                      |                         |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 3.10                      |                         |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 5.06                      |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 5.55                      |                         |
| 07 22 16 00-0413 |     |     | <b>Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0394)                             |                           |                         |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0414 | SF  |     | 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....    | 6.30                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 4.12                   |                      |
| 07 22 16 00-0415 | SF  |     | 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....    | 9.28                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 3.05                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 4.59                   |                      |
| 07 22 16 00-0416 | SF  |     | 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....    | 12.48                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 2.08                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 2.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 3.37                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 3.69                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 3.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 5.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 5.55                   |                      |
| 07 22 16 00-0417 | SF  |     | 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....    | 16.39                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.70                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 2.90                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 4.11                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 4.35                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 6.15                   |                      |
| 07 22 16 00-0418 |     |     | Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0369)                                                 |                        |                      |
|                  |     |     | Note: Mechanically fastened to wood or steel.                                                                                       |                        |                      |
| 07 22 16 00-0419 |     |     | Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)                                     |                        |                      |
| 07 22 16 00-0420 | SF  |     | 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....  | 4.79                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.58                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 1.95                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 0.90                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 1.35                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 3.26                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 3.81                   |                      |
| 07 22 16 00-0421 | SF  |     | 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... | 6.15                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 2.68                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 4.04                   |                      |
| 07 22 16 00-0422 | SF  |     | 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....  | 8.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 4.12                   |                      |
| 07 22 16 00-0423 | SF  |     | 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....  | 7.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                          | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                                 | 1.99                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                     | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                            | 2.83                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                               | 1.83                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                    | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                           | 4.25                   |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                               |       |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0424 | SF | 4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 8.03  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.67  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.06  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 1.22  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 2.51  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 2.90  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 1.83  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 3.77  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 4.36  |
| 07 22 16 00-0425 | SF | 4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 9.50  |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.71  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.02  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 1.45  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 2.74  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 3.05  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 2.17  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 4.12  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 4.59  |
| 07 22 16 00-0426 | SF | 5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 10.08 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.71  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.02  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 1.45  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 2.74  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 3.05  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 2.17  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 4.12  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 4.59  |
| 07 22 16 00-0427 | SF | 5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 10.92 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.00  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 1.76  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 3.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 3.30  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 2.64  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 4.60  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 4.96  |
| 07 22 16 00-0428 | SF | 6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 11.50 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.00  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 1.76  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 3.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 3.30  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 2.64  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 4.60  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 4.96  |
| 07 22 16 00-0429 | SF | 6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 13.05 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                    | 1.76  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                           | 2.08  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                          | 2.07  |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                               | 3.37  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                      | 3.69  |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                         | 3.10  |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                              | 5.06  |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                     | 5.55  |

**07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)**

|                  |    |                                                                                                                           |      |
|------------------|----|---------------------------------------------------------------------------------------------------------------------------|------|
| 07 22 16 00-0431 | SF | 2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened   | 4.51 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                | 1.58 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                       | 1.95 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                      | 0.90 |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                           | 2.17 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                  | 2.54 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                     | 1.35 |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                          | 3.26 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                 | 3.81 |
| 07 22 16 00-0432 | SF | 3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened | 6.44 |
|                  |    | For Mechanically Fastened To Concrete, Add                                                                                | 1.62 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                       | 2.00 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                      | 1.02 |
|                  |    | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                           | 2.30 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                  | 2.68 |
|                  |    | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                     | 1.54 |
|                  |    | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                          | 3.47 |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                 | 4.04 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0433 | SF  |     | 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....      | 7.74                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 1.99                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.83                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.83                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.25                   |                      |
| 07 22 16 00-0434 | SF  |     | 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....    | 9.79                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.05                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.59                   |                      |
| 07 22 16 00-0435 | SF  |     | 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....      | 11.21                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.36                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 2.64                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 4.60                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.96                   |                      |
| 07 22 16 00-0436 | SF  |     | 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....    | 13.34                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.08                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 2.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.37                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.69                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 3.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 5.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 5.55                   |                      |
| 07 22 16 00-0437 |     |     | Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)                                   |                        |                      |
| 07 22 16 00-0438 | SF  |     | 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... | 7.01                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.12                   |                      |
| 07 22 16 00-0439 | SF  |     | 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... | 10.36                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.05                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 4.59                   |                      |
| 07 22 16 00-0440 | SF  |     | 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... | 13.92                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                                               | 2.08                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 2.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 3.37                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                                          | 3.69                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 3.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 5.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                                         | 5.55                   |                      |
| 07 22 16 00-0441 | SF  |     | 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... | 17.47                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                        | 1.70                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                              | 2.90                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                   | 4.11                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                             | 4.35                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                  | 6.15                   |                      |
| 07 22 16 00-0442 |     |     | Mechanically Fastened, Tapered Perlite Board (07 22 16 00-0369)                                                                   |                        |                      |
|                  |     |     | Note: Mechanically fastened to wood or steel.                                                                                     |                        |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                              |       |
|------------------|--------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0443 | Mechanically Fastened, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0442)                                  |       |
| 07 22 16 00-0444 | SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened  | 6.36  |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.58  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 1.95  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 0.90  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.17  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 2.54  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 1.35  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 3.26  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 3.81  |
| 07 22 16 00-0445 | SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened  | 7.47  |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.62  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.00  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.02  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.30  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 2.68  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 1.54  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 3.47  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.04  |
| 07 22 16 00-0446 | SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened  | 8.74  |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.62  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.06  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.02  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.30  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 2.74  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 1.54  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 3.47  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.12  |
| 07 22 16 00-0447 | SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 8.62  |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.67  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 1.99  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.22  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.51  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 2.83  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 1.83  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 3.77  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.25  |
| 07 22 16 00-0448 | SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 9.88  |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.67  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.06  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.22  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.51  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 2.90  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 1.83  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 3.77  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.36  |
| 07 22 16 00-0449 | SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 11.09 |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.71  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.02  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.45  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.74  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 3.05  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 2.17  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 4.12  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.59  |
| 07 22 16 00-0450 | SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 12.35 |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.71  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.02  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.45  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 2.74  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 3.05  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 2.17  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 4.12  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.59  |
| 07 22 16 00-0451 | SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 12.35 |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.76  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.00  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.76  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 3.06  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 3.30  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 2.64  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 4.60  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.96  |
| 07 22 16 00-0452 | SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened | 13.61 |
|                  | For Mechanically Fastened To Concrete, Add                                                                   | 1.76  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                          | 2.00  |
|                  | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                         | 1.76  |
|                  | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                              | 3.06  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                     | 3.30  |
|                  | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                        | 2.64  |
|                  | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                             | 4.60  |
|                  | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                    | 4.96  |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Thermal Protection              |  |  | 07 20 |
| Roof and Deck Insulation        |  |  | 07 22 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 22 16 00-0453 | SF  |     | 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened..... | 14.93                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.08                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 2.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 3.37                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 3.69                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 3.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 5.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 5.55                   |                      |
| 07 22 16 00-0454 |     |     | Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0442)                                    |                        |                      |
| 07 22 16 00-0455 | SF  |     | 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....     | 5.72                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.38                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 1.95                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 0.90                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 1.35                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 3.26                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 3.81                   |                      |
| 07 22 16 00-0456 | SF  |     | 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....     | 8.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 2.68                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 4.04                   |                      |
| 07 22 16 00-0457 | SF  |     | 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....    | 9.25                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.67                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 1.99                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 1.22                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 2.51                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 2.83                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 1.63                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 3.77                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 4.25                   |                      |
| 07 22 16 00-0458 | SF  |     | 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....     | 11.72                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.71                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.02                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 1.45                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 3.05                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 2.17                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 4.12                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 4.59                   |                      |
| 07 22 16 00-0459 | SF  |     | 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....    | 12.98                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.00                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 3.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 3.30                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 2.64                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 4.60                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 4.96                   |                      |
| 07 22 16 00-0460 | SF  |     | 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....    | 15.57                  |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.76                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.08                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 2.07                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 3.37                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 3.69                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 3.10                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 5.06                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 5.55                   |                      |
| 07 22 16 00-0461 |     |     | Mechanically Fastened, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0442)                                    |                        |                      |
| 07 22 16 00-0462 | SF  |     | 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....   | 9.36                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                     | 1.62                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add                                            | 2.06                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                           | 1.02                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                | 2.30                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add                       | 2.74                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                          | 1.54                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                               | 3.47                   |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add                      | 4.12                   |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                |       |
|------------------|----|----------------------------------------------------------------------------------------------------------------|-------|
| 07 22 16 00-0463 | SF | 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened ..... | 12.98 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                        | 1.71  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....                               | 2.02  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                           | 1.45  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                | 2.74  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....       | 3.05  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                          | 2.17  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                               | 4.12  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....      | 4.59  |
| 07 22 16 00-0464 | SF | 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened ..... | 16.83 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                        | 1.76  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> .....                               | 2.08  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                           | 2.07  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                | 3.37  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....       | 3.69  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                          | 3.10  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                               | 5.06  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....      | 5.55  |
| 07 22 16 00-0465 | SF | 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened ..... | 20.90 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                        | 1.70  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                           | 2.90  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                | 4.11  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....       | 3.69  |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                          | 4.35  |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                               | 6.15  |
|                  |    | <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....      | 5.55  |

**07 22 16 00-0466 Demolish Rigid Board Roofing Insulation (07 22 16)**

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

|                  |    |                                                                              |      |
|------------------|----|------------------------------------------------------------------------------|------|
| 07 22 16 00-0467 | SF | Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation .....  | 0.60 |
| 07 22 16 00-0468 | SF | Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation ..... | 0.62 |
| 07 22 16 00-0469 | SF | Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation .....   | 0.63 |
| 07 22 16 00-0470 | SF | Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation .....   | 0.66 |
| 07 22 16 00-0471 | SF | Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation .....   | 0.67 |
| 07 22 16 00-0472 | SF | Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation .....   | 0.69 |
| 07 22 16 00-0473 | SF | Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation .....   | 0.71 |
| 07 22 16 00-0474 | SF | Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation .....   | 0.72 |
| 07 22 16 00-0475 | SF | Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation .....   | 0.74 |
| 07 22 16 00-0476 | SF | Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation .....   | 0.76 |
| 07 22 16 00-0477 | SF | Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation .....  | 0.77 |
| 07 22 16 00-0478 | SF | Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation ..... | 0.79 |
| 07 22 16 00-0479 | SF | Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation ..... | 0.81 |

**07 24 Exterior Insulation and Finish Systems (07 20)****07 24 13 Polymer-Based Exterior Insulation and Finish System (07 24)****07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) (07 24 13)****07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)**

|                  |    |                                                                                                                                                  |       |
|------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 07 24 13 00-0003 | SF | 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....     | 3.81  |
|                  |    | <i>For Up To 100, Add</i> .....                                                                                                                  | 0.77  |
|                  |    | <i>For &gt;100 To 500, Add</i> .....                                                                                                             | 0.38  |
|                  |    | <i>For &gt;5,000, Deduct</i> .....                                                                                                               | -0.15 |
|                  |    | <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> .....                                                                        | 1.49  |
|                  |    | <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i> .....                                                                  | 2.22  |
| 07 24 13 00-0004 | SF | 1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied ..... | 4.29  |
|                  |    | <i>For Up To 100, Add</i> .....                                                                                                                  | 0.78  |
|                  |    | <i>For &gt;100 To 500, Add</i> .....                                                                                                             | 0.39  |
|                  |    | <i>For &gt;5,000, Deduct</i> .....                                                                                                               | -0.16 |
|                  |    | <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> .....                                                                        | 1.52  |
|                  |    | <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i> .....                                                                  | 2.24  |
| 07 24 13 00-0005 | SF | 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied .....     | 4.77  |
|                  |    | <i>For Up To 100, Add</i> .....                                                                                                                  | 0.79  |
|                  |    | <i>For &gt;100 To 500, Add</i> .....                                                                                                             | 0.40  |
|                  |    | <i>For &gt;5,000, Deduct</i> .....                                                                                                               | -0.16 |
|                  |    | <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> .....                                                                        | 1.69  |
|                  |    | <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i> .....                                                                  | 2.38  |
| 07 24 13 00-0006 | SF | 2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied ..... | 5.24  |
|                  |    | <i>For Up To 100, Add</i> .....                                                                                                                  | 0.80  |
|                  |    | <i>For &gt;100 To 500, Add</i> .....                                                                                                             | 0.40  |
|                  |    | <i>For &gt;5,000, Deduct</i> .....                                                                                                               | -0.16 |
|                  |    | <i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i> .....                                                                        | 1.77  |
|                  |    | <i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i> .....                                                                  | 2.50  |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 24 13 00-0007 | SF  |     | 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....     | 5.71                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.61                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.41                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.16                  |                      |
|                  |     |     | For Adhesive And Mechanically Fastened To Wood Or Steel, Add                                                                                     | 1.77                   |                      |
|                  |     |     | For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add                                                                               | 2.50                   |                      |
| 07 24 13 00-0008 | SF  |     | 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....     | 6.63                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.82                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.41                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.16                  |                      |
|                  |     |     | For Adhesive And Mechanically Fastened To Wood Or Steel, Add                                                                                     | 1.99                   |                      |
|                  |     |     | For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add                                                                               | 2.68                   |                      |
| 07 24 13 00-0009 |     |     | Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)                                                  |                        |                      |
|                  |     |     | Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.            |                        |                      |
| 07 24 13 00-0010 | SF  |     | 4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat.....      | 5.08                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0011 | SF  |     | 6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat.....     | 5.67                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0012 | SF  |     | 15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat..... | 7.27                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0013 | SF  |     | 20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat..... | 7.75                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0014 |     |     | Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)                                                                   |                        |                      |
| 07 24 13 00-0015 | SF  |     | Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....                             | 2.47                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.77                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.38                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.15                  |                      |
| 07 24 13 00-0016 | SF  |     | Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....                             | 2.91                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.77                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.38                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.15                  |                      |
| 07 24 13 00-0017 | SF  |     | Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....                            | 5.28                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.77                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.38                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.15                  |                      |
| 07 24 13 00-0018 | SF  |     | Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....                | 7.16                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 0.77                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.38                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.15                  |                      |
| 07 24 13 00-0019 |     |     | Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)                                                                 |                        |                      |
|                  |     |     | Note: Includes all standard manufacturers' colors.                                                                                               |                        |                      |
| 07 24 13 00-0020 | SF  |     | 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....                          | 4.13                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0021 | SF  |     | 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....                      | 4.22                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |
| 07 24 13 00-0022 | SF  |     | Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....      | 4.92                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                               | 1.54                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                             | 0.77                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                               | -0.31                  |                      |

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 24 13 00-0023 | SF  | Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....                                            | 5.53                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0024 | SF  | Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....                                                 | 4.92                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0025 | SF  | Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....                                             | 5.54                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0026 | SF  | Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....                                           | 4.32                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0027 | SF  | Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....                                                | 4.97                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0028 | SF  | 100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™).....                                     | 10.46                     |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 1.54                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.77                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.31                     |                         |
| 07 24 13 00-0029 |     | <b>Primer And Sealers For Exterior Insulation Finishing Systems (EIFS)</b> (07 24 13 00-0001)                                                                                              |                           |                         |
| 07 24 13 00-0030 | SF  | 100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....                                                                         | 1.25                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 0.43                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.22                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.09                     |                         |
| 07 24 13 00-0031 | SF  | 100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....                                                                              | 1.28                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 0.43                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.22                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.09                     |                         |
| 07 24 13 00-0032 |     | <b>Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS)</b> (07 24 13 00-0001)                                                                                        |                           |                         |
| 07 24 13 00-0033 | SF  | Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....  | 1.76                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 0.43                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.22                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.09                     |                         |
| 07 24 13 00-0034 | SF  | Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat..... | 2.21                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 0.43                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.22                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.09                     |                         |
| 07 24 13 00-0035 |     | <b>Drainage Accessories For Exterior Insulation Finishing Systems (EIFS)</b> (07 24 13 00-0001)                                                                                            |                           |                         |
| 07 24 13 00-0036 | SF  | 1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat).....                                                                    | 2.76                      |                         |
|                  |     | For Up To 100, Add                                                                                                                                                                         | 0.48                      |                         |
|                  |     | For >100 To 500, Add                                                                                                                                                                       | 0.24                      |                         |
|                  |     | For >5,000, Deduct                                                                                                                                                                         | -0.10                     |                         |
| 07 24 13 00-0037 |     | <b>Starter Tracks For Exterior Insulation Finishing Systems (EIFS)</b> (07 24 13 00-0001)                                                                                                  |                           |                         |
| 07 24 13 00-0038 | LF  | 1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....                                                                                   | 4.08                      |                         |
| 07 24 13 00-0039 | LF  | 1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....                                                                               | 4.41                      |                         |
| 07 24 13 00-0040 | LF  | 2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....                                                                                   | 4.80                      |                         |
| 07 24 13 00-0041 | LF  | 3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....                                                                                   | 5.61                      |                         |
| 07 24 13 00-0042 | LF  | 1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....                                                                    | 4.41                      |                         |
| 07 24 13 00-0043 | LF  | 1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....                                                                | 4.80                      |                         |
| 07 24 13 00-0044 | LF  | 2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....                                                                    | 5.18                      |                         |
| 07 24 13 00-0045 | LF  | 3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....                                                                    | 6.08                      |                         |
| 07 24 13 00-0046 |     | <b>Demolish Exterior Insulation Finishing Systems (EIFS)</b> (07 24 13 00-0001)                                                                                                            |                           |                         |



|                                        |  |  |       |
|----------------------------------------|--|--|-------|
| Thermal And Moisture Protection        |  |  | 07    |
| Thermal Protection                     |  |  | 07 20 |
| Exterior Insulation and Finish Systems |  |  | 07 24 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 24 13 00-0047 | SF  |     | Demolish Exterior Insulation Finishing Systems (EIFS).....<br>Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing. | 6.42                   |                      |
|                  |     |     | For Up To 100, Add                                                                                                                                                                                                         | 3.21                   |                      |
|                  |     |     | For >100 To 500, Add                                                                                                                                                                                                       | 1.61                   |                      |
|                  |     |     | For >5,000, Deduct                                                                                                                                                                                                         | -0.64                  |                      |

**07 25 Weather Barriers** (07)**07 26 Vapor Retarders** (07 25)**07 26 13 Above-Grade Vapor Retarders** (07 26)

|                  |     |  |                                                                                                                       |        |  |
|------------------|-----|--|-----------------------------------------------------------------------------------------------------------------------|--------|--|
| 07 26 13 00-0001 | CSF |  | Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....                               | 30.21  |  |
| 07 26 13 00-0002 | CSF |  | Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....                                           | 27.94  |  |
| 07 26 13 00-0003 | CSF |  | 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....                 | 35.20  |  |
| 07 26 13 00-0004 | CSF |  | Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)..... | 45.84  |  |
| 07 26 13 00-0005 | CSF |  | Regular Weight Red Rosin Sized Sheathing.....                                                                         | 25.61  |  |
| 07 26 13 00-0006 | CLF |  | 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....                  | 85.95  |  |
| 07 26 13 00-0007 | CLF |  | 4" Wide Self Adhering Butyl Sealing Tape.....                                                                         | 132.14 |  |
| 07 26 13 00-0008 | CLF |  | 6" Wide Self Adhesive Butyl Sealing Tape.....                                                                         | 191.60 |  |
| 07 26 13 00-0009 | CLF |  | 9" Wide Self Adhesive Butyl Sealing Tape.....                                                                         | 267.18 |  |
| 07 26 13 00-0010 | CSF |  | Building Wrap (Tyvek).....                                                                                            | 72.22  |  |

**07 27 Air Barriers** (07 25)**07 27 23 Board Product Air Barriers** (07 27)**07 27 23 00-0001 Barriers For Plenums** (07 27 23)

|                  |    |  |                                                                                        |       |      |
|------------------|----|--|----------------------------------------------------------------------------------------|-------|------|
| 07 27 23 00-0002 | SF |  | 0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....                        | 12.76 | 3.25 |
|                  |    |  | For Up To 50, Add                                                                      | 4.47  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 2.55  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 0.96  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.64 |      |
| 07 27 23 00-0003 | SF |  | 0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....                      | 13.78 | 3.25 |
|                  |    |  | For Up To 50, Add                                                                      | 4.87  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 2.78  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 1.04  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.69 |      |
| 07 27 23 00-0004 | SF |  | Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....      | 4.77  | 2.16 |
|                  |    |  | For Up To 50, Add                                                                      | 2.30  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 1.27  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 0.44  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.24 |      |
| 07 27 23 00-0005 | SF |  | Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick..... | 8.74  | 3.25 |
|                  |    |  | For Up To 50, Add                                                                      | 4.11  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 2.27  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 0.79  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.44 |      |
| 07 27 23 00-0006 | SF |  | Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....                               | 6.19  | 2.16 |
|                  |    |  | For Up To 50, Add                                                                      | 2.51  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 1.41  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 0.51  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.31 |      |
| 07 27 23 00-0007 | SF |  | 1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....                                 | 9.93  | 2.16 |
|                  |    |  | For Up To 50, Add                                                                      | 2.93  |      |
|                  |    |  | For >50 To 200, Add                                                                    | 1.72  |      |
|                  |    |  | For >200 To 500, Add                                                                   | 0.68  |      |
|                  |    |  | For >2,500, Deduct                                                                     | -0.50 |      |

**07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets** (07 27 23)

|                  |    |  |                                                                     |      |  |
|------------------|----|--|---------------------------------------------------------------------|------|--|
| 07 27 23 00-0009 | SF |  | 1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation..... | 2.00 |  |
| 07 27 23 00-0010 | SF |  | 2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation..... | 3.04 |  |
| 07 27 23 00-0011 | SF |  | 3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation..... | 3.96 |  |
| 07 27 23 00-0012 | SF |  | 4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation..... | 4.88 |  |

**07 30 Steep Slope Roofing** (07)

Note: Includes starter strips and manufacturer's product specific warranties.

**07 31 Shingles and Shakes** (07 30)**07 31 13 Asphalt Shingles** (07 31)**07 31 13 13 Fiberglass-Reinforced Asphalt Shingles** (07 31 13)**07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 31 13 13-0002 | SQ  |     | 200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20) .....                                          | 290.36                    | 198.31                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -11.00                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -17.71                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -26.62                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -40.04                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 57.71                     |                         |
| 07 31 13 13-0003 | SQ  |     | 220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25) .....                                          | 304.52                    | 208.26                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -11.52                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -18.56                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -27.90                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -41.97                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 60.59                     |                         |
| 07 31 13 13-0004 | SQ  |     | 230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30) .....                                          | 350.62                    | 218.65                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -15.18                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -23.18                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -34.23                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -50.24                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 63.63                     |                         |
| 07 31 13 13-0005 |     |     | <b>Architectural Fiberglass Reinforced, Asphalt Composition Shingle</b> <small>(07 31 13 13)</small>                                                    |                           |                         |
|                  |     |     | Note: Excludes underlayment, drip edges, and ridge vent/shingles.                                                                                       |                           |                         |
| 07 31 13 13-0006 | SQ  |     | 245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle<br>(CertainTeed Landmark) .....                          | 362.60                    | 253.16                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -13.25                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -21.65                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -32.70                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -49.51                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 73.64                     |                         |
| 07 31 13 13-0007 | SQ  |     | 240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland<br>Slate) .....                               | 381.67                    | 241.04                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -16.25                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -24.98                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -36.96                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -54.42                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 70.14                     |                         |
| 07 31 13 13-0008 | SQ  |     | 265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle<br>(CertainTeed Landmark Plus) .....                     | 413.83                    | 265.82                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -17.21                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -26.70                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -39.63                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -58.60                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 77.34                     |                         |
| 07 31 13 13-0009 | SQ  |     | 235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras) .....                                        | 397.42                    | 229.57                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -18.87                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -27.86                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -40.63                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -58.62                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 66.78                     |                         |
| 07 31 13 13-0010 | SQ  |     | 300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle<br>(CertainTeed Landmark Premium) .....                  | 448.20                    | 279.12                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -19.45                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -29.68                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -43.81                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -64.27                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 81.18                     |                         |
| 07 31 13 13-0011 | SQ  |     | 300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition<br>Shingle (CertainTeed Independence) .....        | 476.71                    | 279.12                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -22.30                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -33.10                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -48.37                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -69.97                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 81.18                     |                         |
| 07 31 13 13-0012 | SQ  |     | 355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition<br>Shingle (CertainTeed Presidential Shake) ..... | 520.84                    | 307.69                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -24.11                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -35.92                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -52.56                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -76.19                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 89.53                     |                         |
| 07 31 13 13-0013 | SQ  |     | 340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle<br>(CertainTeed Landmark TL) .....                     | 515.54                    | 293.08                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -24.92                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -36.56                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -53.19                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -76.47                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 85.23                     |                         |
| 07 31 13 13-0014 | SQ  |     | 300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle<br>(CertainTeed Landmark Solaris) .....       | 511.77                    | 279.12                  |
|                  |     |     | <i>For &gt;35 To 75, Deduct</i> .....                                                                                                                   | -25.81                    |                         |
|                  |     |     | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                  | -37.31                    |                         |
|                  |     |     | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                 | -53.98                    |                         |
|                  |     |     | <i>For &gt;200, Deduct</i> .....                                                                                                                        | -76.98                    |                         |
|                  |     |     | <i>For Steep Roof, Over 7 To 12, Add</i> .....                                                                                                          | 81.18                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 31 13 13-0015 | SQ  |     | 355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate).....                  | 597.59                 | 307.69               |
|                  |     |     | For >35 To 75, Deduct.....                                                                                                                                     | -31.78                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -45.13                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -64.84                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -91.54                 |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 89.53                  |                      |
| 07 31 13 13-0016 | SQ  |     | 355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....     | 617.58                 | 307.69               |
|                  |     |     | For >35 To 75, Deduct.....                                                                                                                                     | -33.78                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -47.53                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -68.04                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -95.54                 |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 89.53                  |                      |
| 07 31 13 13-0017 | SQ  |     | 480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....       | 685.90                 | 339.28               |
|                  |     |     | For >35 To 75, Deduct.....                                                                                                                                     | -37.75                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -53.01                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -75.82                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -106.34                |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 98.70                  |                      |
| 07 31 13 13-0018 | SQ  |     | 425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)..... | 674.64                 | 323.05               |
|                  |     |     | For >35 To 75, Deduct.....                                                                                                                                     | -38.09                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -53.05                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -75.63                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -105.56                |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 93.99                  |                      |
| 07 31 13 13-0019 |     |     | Asphalt Shingle Accessories (07 31 13 13).....                                                                                                                 |                        |                      |
| 07 31 13 13-0020 | LF  |     | Hip And Ridge Roll Vent.....                                                                                                                                   | 8.78                   | 1.19                 |
|                  |     |     | Note: Excludes shingles.....                                                                                                                                   |                        |                      |
| 07 31 13 13-0021 | LF  |     | Three Tab Hip And Ridge Shingles.....                                                                                                                          | 4.10                   | 2.95                 |
| 07 31 13 13-0022 | LF  |     | Architectural Hip And Ridge Shingles.....                                                                                                                      | 4.94                   | 3.28                 |
| 07 31 13 13-0023 | SQ  |     | Demolish Each Additional Layer Of Shingles.....                                                                                                                | 91.96                  |                      |
| 07 31 16         |     |     | Metal Shingles (07 31).....                                                                                                                                    |                        |                      |
| 07 31 16 00-0001 |     |     | Aluminum Shingles (07 31 16).....                                                                                                                              |                        |                      |
| 07 31 16 00-0002 | SQ  |     | Aluminum Shingles, Mill Finish, 0.020" Thick.....                                                                                                              | 773.07                 | 191.13               |
|                  |     |     | For Colors, Anodized Finish, Add.....                                                                                                                          | 30.00                  |                      |
|                  |     |     | For Bonderized Finish, Add.....                                                                                                                                | 47.00                  |                      |
|                  |     |     | For 1" Factory Applied Polystyrene, Add.....                                                                                                                   | 37.00                  |                      |
| 07 31 16 00-0003 | SQ  |     | Aluminum Shingles, Mill Finish, 0.030" Thick.....                                                                                                              | 1,046.53               | 208.90               |
|                  |     |     | For Colors, Anodized Finish, Add.....                                                                                                                          | 30.00                  |                      |
|                  |     |     | For Bonderized Finish, Add.....                                                                                                                                | 47.00                  |                      |
|                  |     |     | For 1" Factory Applied Polystyrene, Add.....                                                                                                                   | 37.00                  |                      |
| 07 31 16 00-0004 | LF  |     | Aluminum Shingles, Ridge Cap, 0.020" Thick.....                                                                                                                | 14.00                  | 2.75                 |
| 07 31 16 00-0005 | LF  |     | Aluminum Shingles, Ridge Cap, 0.030" Thick.....                                                                                                                | 14.64                  | 2.75                 |
| 07 31 16 00-0006 | LF  |     | Aluminum Shingles, Valley Section, 0.020" Thick.....                                                                                                           | 9.24                   | 2.75                 |
| 07 31 16 00-0007 | LF  |     | Aluminum Shingles, Valley Section, 0.030" Thick.....                                                                                                           | 10.51                  | 2.75                 |
| 07 31 16 00-0008 |     |     | Galvanized Steel Shingles (07 31 16).....                                                                                                                      |                        |                      |
| 07 31 16 00-0009 | SQ  |     | 24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles.....                                                                                                    | 604.89                 | 166.54               |
|                  |     |     | For Factory Applied 1" Polystyrene Insulation, Add.....                                                                                                        | 24.75                  |                      |
|                  |     |     | For >50 To 75, Deduct.....                                                                                                                                     | -10.87                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -27.35                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -46.55                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -63.03                 |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 106.60                 |                      |
| 07 31 16 00-0010 | SQ  |     | 26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles.....                                                                                                    | 579.67                 | 165.21               |
|                  |     |     | For Factory Applied 1" Polystyrene Insulation, Add.....                                                                                                        | 24.75                  |                      |
|                  |     |     | For >50 To 75, Deduct.....                                                                                                                                     | -9.97                  |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -25.71                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -43.95                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -59.68                 |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 105.70                 |                      |
| 07 31 16 00-0011 | SQ  |     | 24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....                                                                                     | 1,001.08               | 166.54               |
|                  |     |     | For Factory Applied 1" Polystyrene Insulation, Add.....                                                                                                        | 24.75                  |                      |
|                  |     |     | For >50 To 75, Deduct.....                                                                                                                                     | -26.72                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -55.08                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -90.13                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -118.50                |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 106.60                 |                      |
| 07 31 16 00-0012 | SQ  |     | 26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....                                                                                     | 915.90                 | 165.21               |
|                  |     |     | For Factory Applied 1" Polystyrene Insulation, Add.....                                                                                                        | 24.75                  |                      |
|                  |     |     | For >50 To 75, Deduct.....                                                                                                                                     | -23.42                 |                      |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                    | -49.25                 |                      |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                   | -80.93                 |                      |
|                  |     |     | For >200, Deduct.....                                                                                                                                          | -106.76                |                      |
|                  |     |     | For Steep Roof, Over 7 To 12, Add.....                                                                                                                         | 105.70                 |                      |

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 31 16 00-0013        | LF  |     | Galvanized Steel Shingles, Ridge Or Valley .....                                  | 10.08                     | 2.22                    |
|                         |     |     | For Factory Applied 1" Polystyrene Insulation, Add .....                          | 24.75                     |                         |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -0.23                     |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -0.51                     |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -0.85                     |                         |
|                         |     |     | For >200, Deduct .....                                                            | -1.13                     |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 1.39                      |                         |
| <b>07 31 26</b>         |     |     | <b>Slate Shingles</b> <small>(07 31)</small>                                      |                           |                         |
|                         |     |     | Note: Includes 30 LB felt and fasteners.                                          |                           |                         |
| <b>07 31 26 00-0001</b> |     |     | <b>Shingles Including 30 LB Felt And Nails</b> <small>(07 31 26)</small>          |                           |                         |
| 07 31 26 00-0002        | SQ  |     | Slate Shingles, Buckingham, Virginia Black, 3/16" Thick .....                     | 1,561.83                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -37.22                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -80.92                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -133.93                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -177.63                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 139.59                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0003        | SQ  |     | Slate Shingles, Buckingham, Virginia Black, 1/4" Thick .....                      | 1,819.21                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -47.52                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -98.94                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -162.24                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -213.66                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 178.20                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0004        | SQ  |     | Slate Shingles, Penn Black Bangor .....                                           | 1,742.00                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -44.43                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -93.53                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -153.75                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -202.85                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 166.61                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0005        | SQ  |     | Slate Shingles, Vermont, Unfading Colors, Green .....                             | 1,767.74                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -45.46                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -95.34                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -156.58                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -206.45                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 170.48                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0006        | SQ  |     | Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray .....        | 1,870.69                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -49.58                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -102.54                   |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -167.90                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -220.87                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 185.92                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0007        | SQ  |     | Slate Shingles, Vermont, Unfading Color, Purple .....                             | 1,742.00                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -44.43                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -93.53                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -153.75                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -202.85                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 166.61                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0008        | SQ  |     | Slate Shingles, Vermont, Unfading Color, Black Or Gray .....                      | 1,664.79                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -41.34                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -88.13                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -145.25                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -192.04                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 155.03                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0009        | SQ  |     | Slate Shingles, Vermont, Unfading Color, Red .....                                | 3,273.05                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -105.67                   |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -200.71                   |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -322.16                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -417.20                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 396.27                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| 07 31 26 00-0010        | SQ  |     | Slate Shingles, Vermont, Unfading Color, Variegated Purple .....                  | 1,742.00                  | 284.08                  |
|                         |     |     | For >50 To 75, Deduct .....                                                       | -44.43                    |                         |
|                         |     |     | For >75 To 100, Deduct .....                                                      | -93.53                    |                         |
|                         |     |     | For >100 To 200, Deduct .....                                                     | -153.75                   |                         |
|                         |     |     | For >200, Deduct .....                                                            | -202.85                   |                         |
|                         |     |     | For Graduated Shapes, Add .....                                                   | 166.61                    |                         |
|                         |     |     | For Steep Roof, Over 7 To 12, Add .....                                           | 202.00                    |                         |
| <b>07 31 29</b>         |     |     | <b>Wood Shingles and Shakes</b> <small>(07 31)</small>                            |                           |                         |
| <b>07 31 29 13</b>      |     |     | <b>Wood Shingles</b> <small>(07 31 29)</small>                                    |                           |                         |
| 07 31 29 13-0001        |     |     | #1 Grade, Red Cedar Shingles <small>(07 31 29 13)</small>                         |                           |                         |
| 07 31 29 13-0002        |     |     | #1 Grade, Red Cedar Shingles Installed On Roofs <small>(07 31 29 13-0001)</small> |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 31 29 13-0003 | SQ  |     | 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....         | 913.44                 | 216.91               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 135.82                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 71.94                  |                      |
| 07 31 29 13-0004 | SQ  |     | 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....             | 661.11                 | 162.68               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 104.12                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 50.36                  |                      |
| 07 31 29 13-0005 | SQ  |     | 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....         | 812.38                 | 184.38               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 118.00                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 66.54                  |                      |
| 07 31 29 13-0006 | SQ  |     | 5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....         | 665.23                 | 151.84               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 97.17                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 54.23                  |                      |
| 07 31 29 13-0007 | SQ  |     | 5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....         | 891.76                 | 143.71               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 91.97                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 90.65                  |                      |
| 07 31 29 13-0008 | SQ  |     | 7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....         | 688.22                 | 122.01               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 78.09                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 66.63                  |                      |
| 07 31 29 13-0009 |     |     | #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)                        |                        |                      |
| 07 31 29 13-0010 | SQ  |     | 7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....             | 630.25                 | 195.22               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 35.97                  |                      |
| 07 31 29 13-0011 | SQ  |     | 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....             | 618.10                 | 184.38               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 37.40                  |                      |
| 07 31 29 13-0012 | SQ  |     | 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....        | 637.23                 | 159.98               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 47.59                  |                      |
| 07 31 29 13-0013 |     |     | #2 Grade, Red Cedar Shingles (07 31 29 13-0013)                                           |                        |                      |
| 07 31 29 13-0014 |     |     | #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)                        |                        |                      |
| 07 31 29 13-0015 | SQ  |     | 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....         | 842.90                 | 227.76               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 145.76                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 58.11                  |                      |
| 07 31 29 13-0016 | SQ  |     | 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....             | 751.09                 | 206.06               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 131.88                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 50.84                  |                      |
| 07 31 29 13-0017 | SQ  |     | 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....             | 803.97                 | 206.06               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 131.88                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 58.78                  |                      |
| 07 31 29 13-0018 | SQ  |     | 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....         | 717.32                 | 184.38               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 118.00                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 52.29                  |                      |
| 07 31 29 13-0019 | SQ  |     | 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....         | 709.05                 | 143.71               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 91.97                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 63.25                  |                      |
| 07 31 29 13-0020 | SQ  |     | 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....         | 577.87                 | 124.72               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 79.82                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 49.26                  |                      |
| 07 31 29 13-0021 |     |     | #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)                        |                        |                      |
| 07 31 29 13-0022 | SQ  |     | 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....             | 605.82                 | 206.06               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 29.05                  |                      |
| 07 31 29 13-0023 | SQ  |     | 7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....             | 586.36                 | 195.22               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 29.39                  |                      |
| 07 31 29 13-0024 | SQ  |     | 9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....             | 568.42                 | 173.53               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 33.20                  |                      |
| 07 31 29 16      |     |     | Wood Shakes (07 31 29)                                                                    |                        |                      |
| 07 31 29 16-0001 |     |     | #1 Grade, Red Cedar Shakes (07 31 29 16)                                                  |                        |                      |
| 07 31 29 16-0002 |     |     | #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)                          |                        |                      |
| 07 31 29 16-0003 | SQ  |     | 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... | 662.39                 | 176.24               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 112.79                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 46.49                  |                      |
| 07 31 29 16-0004 | SQ  |     | 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... | 765.69                 | 176.24               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 112.79                 |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 61.98                  |                      |
| 07 31 29 16-0005 | SQ  |     | 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....    | 713.53                 | 143.71               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 91.97                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 63.92                  |                      |
| 07 31 29 16-0006 | SQ  |     | 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....    | 757.43                 | 143.71               |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                         | 91.97                  |                      |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 70.50                  |                      |
| 07 31 29 16-0007 |     |     | #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)                          |                        |                      |
| 07 31 29 16-0008 | SQ  |     | 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall..... | 689.51                 | 189.79               |
|                  |     |     | For Pressure-Impregnated Treated (Preservative), Add                                      | 46.49                  |                      |

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

| MINOR                                                                                                  | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST                                               | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------|
| 07 31 29 16-0009                                                                                       | SQ  |     | 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall .....<br><i>For Pressure-Impregnated Treated (Preservative), Add</i>                                                                                                                     | 792.81<br>61.98                                                         | 189.79                  |
| 07 31 29 16-0010                                                                                       | SQ  |     | 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall .....<br><i>For Pressure-Impregnated Treated (Preservative), Add</i>                                                                                                                        | 751.50<br>63.92                                                         | 162.68                  |
| 07 31 29 16-0011                                                                                       | SQ  |     | 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall .....<br><i>For Pressure-Impregnated Treated (Preservative), Add</i>                                                                                                                        | 795.40<br>70.50                                                         | 162.68                  |
| <b>07 31 29 19 Wood Shingles And Shakes Cap (07 31 29)</b>                                             |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| <b>07 31 29 19-0001 Accessories (07 31 29 19)</b>                                                      |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| 07 31 29 19-0002                                                                                       | LF  |     | Hip Or Ridge Cap For Wood Shingles Or Shakes .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>                                                                                                           | 11.46<br>1.05<br>1.23                                                   | 1.41                    |
| <b>07 31 33 Composite Rubber Shingles (07 31)</b>                                                      |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| <b>07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles (07 31 33)</b>                           |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| Note: As manufactured by EcoStar.                                                                      |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| 07 31 33 00-0002                                                                                       | SQ  |     | Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure .....<br>Note: Gray or black.                                                                                                                                                                        | 1,358.37                                                                | 256.13                  |
|                                                                                                        |     |     | <i>For Purple Or Green Color, Add</i>                                                                                                                                                                                                                                         | 135.39                                                                  |                         |
|                                                                                                        |     |     | <i>For Brown Or Red Color, Add</i>                                                                                                                                                                                                                                            | 346.93                                                                  |                         |
|                                                                                                        |     |     | <i>For Steep Roof, Over 7 To 12, Add</i>                                                                                                                                                                                                                                      | 163.91                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;50 To 75, Deduct</i>                                                                                                                                                                                                                                               | -21.15                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;75 To 100, Deduct</i>                                                                                                                                                                                                                                              | -55.11                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;100 To 200, Deduct</i>                                                                                                                                                                                                                                             | -89.07                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;200, Deduct</i>                                                                                                                                                                                                                                                    | -135.84                                                                 |                         |
|                                                                                                        |     |     | <i>For 6.5" Exposure, Add</i>                                                                                                                                                                                                                                                 | 94.59                                                                   |                         |
|                                                                                                        |     |     | <i>For 6.0" Exposure, Add</i>                                                                                                                                                                                                                                                 | 189.17                                                                  |                         |
| 07 31 33 00-0003                                                                                       | SQ  |     | Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure .....<br>Note: Fire resistant. Gray or black.                                                                                                                                                        | 1,922.48                                                                | 256.13                  |
|                                                                                                        |     |     | <i>For Purple, Green, Brown Or Red, Add</i>                                                                                                                                                                                                                                   | 211.54                                                                  |                         |
|                                                                                                        |     |     | <i>For Steep Roof, Over 7 To 12, Add</i>                                                                                                                                                                                                                                      | 163.91                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;50 To 75, Deduct</i>                                                                                                                                                                                                                                               | -35.26                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;75 To 100, Deduct</i>                                                                                                                                                                                                                                              | -83.32                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;100 To 200, Deduct</i>                                                                                                                                                                                                                                             | -131.38                                                                 |                         |
|                                                                                                        |     |     | <i>For &gt;200, Deduct</i>                                                                                                                                                                                                                                                    | -192.25                                                                 |                         |
|                                                                                                        |     |     | <i>For 6.5" Exposure, Add</i>                                                                                                                                                                                                                                                 | 134.88                                                                  |                         |
|                                                                                                        |     |     | <i>For 6.0" Exposure, Add</i>                                                                                                                                                                                                                                                 | 269.76                                                                  |                         |
| 07 31 33 00-0004                                                                                       | SQ  |     | Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure .....<br>Note: Beaver tail, chisel point or beveled edges. Gray or black.                                                                                                                                        | 1,590.65                                                                | 256.13                  |
|                                                                                                        |     |     | <i>For Purple, Green, Brown Or Red, Add</i>                                                                                                                                                                                                                                   | 388.24                                                                  |                         |
|                                                                                                        |     |     | <i>For Steep Roof, Over 7 To 12, Add</i>                                                                                                                                                                                                                                      | 163.91                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;50 To 75, Deduct</i>                                                                                                                                                                                                                                               | -26.96                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;75 To 100, Deduct</i>                                                                                                                                                                                                                                              | -66.73                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;100 To 200, Deduct</i>                                                                                                                                                                                                                                             | -106.49                                                                 |                         |
|                                                                                                        |     |     | <i>For &gt;200, Deduct</i>                                                                                                                                                                                                                                                    | -159.07                                                                 |                         |
|                                                                                                        |     |     | <i>For 6.5" Exposure, Add</i>                                                                                                                                                                                                                                                 | 111.18                                                                  |                         |
|                                                                                                        |     |     | <i>For 6.0" Exposure, Add</i>                                                                                                                                                                                                                                                 | 222.36                                                                  |                         |
| 07 31 33 00-0005                                                                                       | SQ  |     | Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure .....<br>Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.                                                                                                                        | 2,038.62                                                                | 256.13                  |
|                                                                                                        |     |     | <i>For Purple, Green, Brown Or Red, Add</i>                                                                                                                                                                                                                                   | 167.91                                                                  |                         |
|                                                                                                        |     |     | <i>For Steep Roof, Over 7 To 12, Add</i>                                                                                                                                                                                                                                      | 163.91                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;50 To 75, Deduct</i>                                                                                                                                                                                                                                               | -38.16                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;75 To 100, Deduct</i>                                                                                                                                                                                                                                              | -89.13                                                                  |                         |
|                                                                                                        |     |     | <i>For &gt;100 To 200, Deduct</i>                                                                                                                                                                                                                                             | -140.09                                                                 |                         |
|                                                                                                        |     |     | <i>For &gt;200, Deduct</i>                                                                                                                                                                                                                                                    | -203.86                                                                 |                         |
|                                                                                                        |     |     | <i>For 6.5" Exposure, Add</i>                                                                                                                                                                                                                                                 | 143.18                                                                  |                         |
|                                                                                                        |     |     | <i>For 6.0" Exposure, Add</i>                                                                                                                                                                                                                                                 | 286.35                                                                  |                         |
| 07 31 33 00-0006                                                                                       | LF  |     | Hip Or Ridge Polymeric Rubber Slate Shingle .....<br>Note: Beveled or pointed edges, gray or black.                                                                                                                                                                           | 15.95                                                                   | 1.72                    |
| <b>07 32 Roof Tiles (07 30)</b>                                                                        |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| <b>07 32 13 Clay Roof Tiles (07 32)</b>                                                                |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet. |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| <b>07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)</b>                             |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.                        |     |     |                                                                                                                                                                                                                                                                               |                                                                         |                         |
| 07 32 13 00-0002                                                                                       | SQ  |     | Lanai Or Classic Tile, 158 Piece Per SQ .....<br><i>For &gt;25 To 50, Deduct</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i><br><i>For 20 Year Warranty, Add</i>                | 1,323.94<br>-47.10<br>-91.98<br>-129.00<br>-158.17<br>-179.50<br>54.95  | 269.42                  |
| 07 32 13 00-0003                                                                                       | SQ  |     | Americana (Most Colors) Tile Roofing, 158 Piece Per SQ .....<br><i>For &gt;25 To 50, Deduct</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i><br><i>For 20 Year Warranty, Add</i> | 1,575.70<br>-62.21<br>-117.15<br>-161.73<br>-195.94<br>-219.78<br>72.58 | 269.42                  |





| MINOR<br>CSI UOM DESCRIPTION                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 32 13 00-0004 SQ Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ .....    | 1,575.70                  | 269.42                  |
| For >25 To 50, Deduct                                                                | -62.21                    |                         |
| For >50 To 75, Deduct                                                                | -117.15                   |                         |
| For >75 To 100, Deduct                                                               | -161.73                   |                         |
| For >100 To 200, Deduct                                                              | -195.94                   |                         |
| For >200, Deduct                                                                     | -219.78                   |                         |
| For 20 Year Warranty, Add                                                            | 72.58                     |                         |
| 07 32 13 00-0005 SQ Americana (Blue) Tile, 158 Piece Per SQ .....                    | 1,789.31                  | 269.42                  |
| For >25 To 50, Deduct                                                                | -75.02                    |                         |
| For >50 To 75, Deduct                                                                | -138.51                   |                         |
| For >75 To 100, Deduct                                                               | -189.50                   |                         |
| For >100 To 200, Deduct                                                              | -227.98                   |                         |
| For >200, Deduct                                                                     | -253.96                   |                         |
| For 20 Year Warranty, Add                                                            | 87.53                     |                         |
| 07 32 13 00-0006 SQ French Tile Roofing, Red, 133 Piece Per SQ .....                 | 1,579.20                  | 329.41                  |
| For >25 To 50, Deduct                                                                | -55.22                    |                         |
| For >50 To 75, Deduct                                                                | -108.51                   |                         |
| For >75 To 100, Deduct                                                               | -152.59                   |                         |
| For >100 To 200, Deduct                                                              | -187.47                   |                         |
| For >200, Deduct                                                                     | -213.14                   |                         |
| For 20 Year Warranty, Add                                                            | 64.43                     |                         |
| 07 32 13 00-0007 SQ French Tile Roofing, Blue Or Green, 133 Piece Per SQ .....       | 1,954.99                  | 329.41                  |
| For >25 To 50, Deduct                                                                | -77.77                    |                         |
| For >50 To 75, Deduct                                                                | -146.09                   |                         |
| For >75 To 100, Deduct                                                               | -201.44                   |                         |
| For >100 To 200, Deduct                                                              | -243.84                   |                         |
| For >200, Deduct                                                                     | -273.27                   |                         |
| For 20 Year Warranty, Add                                                            | 90.73                     |                         |
| 07 32 13 00-0008 SQ Norman Tile Roofing, 317 Piece Per SQ .....                      | 2,497.49                  | 444.39                  |
| For >25 To 50, Deduct                                                                | -96.54                    |                         |
| For >50 To 75, Deduct                                                                | -183.11                   |                         |
| For >75 To 100, Deduct                                                               | -253.59                   |                         |
| For >100 To 200, Deduct                                                              | -307.99                   |                         |
| For >200, Deduct                                                                     | -346.29                   |                         |
| For 20 Year Warranty, Add                                                            | 112.63                    |                         |
| 07 32 13 00-0009 SQ Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ .....    | 1,391.19                  | 329.41                  |
| For >25 To 50, Deduct                                                                | -43.94                    |                         |
| For >50 To 75, Deduct                                                                | -89.71                    |                         |
| For >75 To 100, Deduct                                                               | -128.15                   |                         |
| For >100 To 200, Deduct                                                              | -159.27                   |                         |
| For >200, Deduct                                                                     | -183.06                   |                         |
| For 20 Year Warranty, Add                                                            | 51.27                     |                         |
| 07 32 13 00-0010 SQ Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ ..... | 1,695.60                  | 329.41                  |
| For >25 To 50, Deduct                                                                | -62.21                    |                         |
| For >50 To 75, Deduct                                                                | -120.15                   |                         |
| For >75 To 100, Deduct                                                               | -167.72                   |                         |
| For >100 To 200, Deduct                                                              | -204.93                   |                         |
| For >200, Deduct                                                                     | -231.77                   |                         |
| For 20 Year Warranty, Add                                                            | 72.58                     |                         |
| 07 32 13 00-0011 SQ Spanish Tile Roofing, Red, 171 Piece Per SQ .....                | 1,186.84                  | 246.64                  |
| For >25 To 50, Deduct                                                                | -41.61                    |                         |
| For >50 To 75, Deduct                                                                | -81.68                    |                         |
| For >75 To 100, Deduct                                                               | -114.82                   |                         |
| For >100 To 200, Deduct                                                              | -141.03                   |                         |
| For >200, Deduct                                                                     | -160.29                   |                         |
| For 20 Year Warranty, Add                                                            | 48.55                     |                         |
| 07 32 13 00-0012 SQ Spanish Tile Roofing, Blend, 171 Piece Per SQ .....              | 1,514.88                  | 246.64                  |
| For >25 To 50, Deduct                                                                | -61.29                    |                         |
| For >50 To 75, Deduct                                                                | -114.49                   |                         |
| For >75 To 100, Deduct                                                               | -157.47                   |                         |
| For >100 To 200, Deduct                                                              | -190.23                   |                         |
| For >200, Deduct                                                                     | -212.78                   |                         |
| For 20 Year Warranty, Add                                                            | 71.51                     |                         |
| 07 32 13 00-0013 SQ Spanish Tile Roofing, Glazed White, 171 Piece Per SQ .....       | 1,797.16                  | 246.64                  |
| For >25 To 50, Deduct                                                                | -78.23                    |                         |
| For >50 To 75, Deduct                                                                | -142.72                   |                         |
| For >75 To 100, Deduct                                                               | -194.16                   |                         |
| For >100 To 200, Deduct                                                              | -232.57                   |                         |
| For >200, Deduct                                                                     | -257.95                   |                         |
| For 20 Year Warranty, Add                                                            | 91.27                     |                         |
| 07 32 13 00-0014 SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ .....           | 2,191.49                  | 386.62                  |
| For >25 To 50, Deduct                                                                | -85.10                    |                         |
| For >50 To 75, Deduct                                                                | -161.16                   |                         |
| For >75 To 100, Deduct                                                               | -223.03                   |                         |
| For >100 To 200, Deduct                                                              | -270.73                   |                         |
| For >200, Deduct                                                                     | -304.24                   |                         |
| For 20 Year Warranty, Add                                                            | 99.28                     |                         |
| 07 32 13 00-0015 SQ One Piece Mission Tile Roofing, 75 Piece Per SQ .....            | 995.90                    | 269.42                  |
| For >25 To 50, Deduct                                                                | -27.42                    |                         |
| For >50 To 75, Deduct                                                                | -59.17                    |                         |
| For >75 To 100, Deduct                                                               | -86.36                    |                         |
| For >100 To 200, Deduct                                                              | -108.97                   |                         |
| For >200, Deduct                                                                     | -127.01                   |                         |
| For 20 Year Warranty, Add                                                            | 31.99                     |                         |

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 32 Roof Tiles**

| MINOR                                       | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST                                              | DEMOLITION<br>UNIT COST |
|---------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------|
| 07 32 13 00-0016                            | SQ  |     | One Piece Mission Tile Roofing, 134 Piece Per SQ .....<br>For >25 To 50, Deduct .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For 20 Year Warranty, Add .....                           | 1,333.23<br>-33.60<br>-75.33<br>-111.46<br>-141.99<br>-166.92<br>39.20 | 386.62                  |
| <b>07 32 16 Concrete Roof Tiles (07 32)</b> |     |     |                                                                                                                                                                                                                                                                              |                                                                        |                         |
| 07 32 16 00-0001                            |     |     | Corrugated Tiles And Shakes Nailed To Wood (07 32 16)<br>Note: Includes 30 lb felt underlayment.                                                                                                                                                                             |                                                                        |                         |
| 07 32 16 00-0002                            | SQ  |     | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For Steep Roof, Over 7 To 12, Add .....                  | 1,055.55<br>-9.55<br>-37.13<br>-67.10<br>-94.68<br>261.41              | 408.40                  |
| 07 32 16 00-0003                            | SQ  |     | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For Steep Roof, Over 7 To 12, Add .....                      | 1,287.63<br>-18.83<br>-53.37<br>-92.62<br>-127.17<br>261.41            | 408.40                  |
| 07 32 16 00-0004                            | SQ  |     | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For Steep Roof, Over 7 To 12, Add .....                      | 1,101.97<br>-11.40<br>-40.38<br>-72.20<br>-101.18<br>261.41            | 408.40                  |
| 07 32 16 00-0005                            | SQ  |     | 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For Steep Roof, Over 7 To 12, Add .....                                | 1,027.58<br>-11.87<br>-39.04<br>-69.18<br>-96.35<br>233.89             | 365.40                  |
| 07 32 16 00-0006                            |     |     | <b>Accessories (07 32 16)</b>                                                                                                                                                                                                                                                |                                                                        |                         |
| 07 32 16 00-0007                            | EA  |     | Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof .....                                                                                                                                                                                                         | 3.92                                                                   |                         |
| 07 32 16 00-0008                            | EA  |     | Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof .....                                                                                                                                                                                                               | 2.58                                                                   |                         |
| 07 32 16 00-0009                            | EA  |     | Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof .....                                                                                                                                                                                                         | 3.89                                                                   |                         |
| 07 32 16 00-0010                            | EA  |     | Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof .....                                                                                                                                                                                                        | 4.46                                                                   |                         |
| 07 32 16 00-0011                            | EA  |     | 3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof .....                                                                                                                                                                                                    | 4.64                                                                   |                         |
| 07 32 16 00-0012                            |     |     | <b>Concrete Tiles Accessories (Boral) (07 32 16)</b>                                                                                                                                                                                                                         |                                                                        |                         |
| 07 32 16 00-0013                            | EA  |     | Saxony Galvanized Clip For Concrete Roof Tile .....                                                                                                                                                                                                                          | 0.22                                                                   |                         |
| 07 32 16 00-0014                            | EA  |     | 1" x 3" x 8" Elevated Battens For Concrete Roof Tile .....                                                                                                                                                                                                                   | 4.54                                                                   |                         |
| 07 32 16 00-0015                            |     |     | <b>Concrete Roof Tiles (Boral) (07 32 16)</b>                                                                                                                                                                                                                                |                                                                        |                         |
| 07 32 16 00-0016                            | SQ  |     | 13" x 17" Concrete Roof Tile, 85/SQ, 930 LB/SQ, Saxony® 900 Slate, California Mission Blend Color .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....<br>For Steep Roof, Over 7 To 12, Add ..... | 996.46<br>-7.18<br>-32.99<br>-60.60<br>-86.41<br>261.41                | 408.40                  |
| <b>07 34 Roofing Underlayment (07 30)</b>   |     |     |                                                                                                                                                                                                                                                                              |                                                                        |                         |
| 07 34 00 00-0001                            |     |     | <b>Mechanically Fastened, Roofing Underlayment (07 34)</b><br>Note: Standard slope.                                                                                                                                                                                          |                                                                        |                         |
| 07 34 00 00-0002                            | SQ  |     | 15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened .....<br>For Steep Roof, Over 7 To 12, Add .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....                 | 38.67<br>5.28<br>-0.89<br>-1.96<br>-3.26<br>-4.75                      | 8.25                    |
| 07 34 00 00-0003                            | SQ  |     | 30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened .....<br>For Steep Roof, Over 7 To 12, Add .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....                 | 59.75<br>7.26<br>-1.48<br>-3.16<br>-5.21<br>-7.46                      | 11.35                   |
| 07 34 00 00-0004                            | SQ  |     | 30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened .....<br>For Steep Roof, Over 7 To 12, Add .....<br>For >50 To 75, Deduct .....<br>For >75 To 100, Deduct .....<br>For >100 To 200, Deduct .....<br>For >200, Deduct .....                   | 66.72<br>7.26<br>-1.76<br>-3.65<br>-5.98<br>-8.43                      | 11.35                   |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST                              | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|
| 07 34 00 00-0005 | SQ  |     | Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                                                                                           | 73.96<br>11.01<br>-1.58<br>-3.63<br>-6.07<br>-8.98     | 17.20                   |
| 07 34 00 00-0006 | SQ  |     | 17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened<br>(TITANIUM™ UDL 25).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                                                 | 82.22<br>11.01<br>-1.91<br>-4.21<br>-6.98<br>-10.13    | 17.20                   |
| 07 34 00 00-0007 | SQ  |     | 25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened<br>(TITANIUM™ UDL 30).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                                                 | 95.83<br>11.01<br>-2.46<br>-5.16<br>-8.48<br>-12.04    | 17.20                   |
| 07 34 00 00-0008 | SQ  |     | 30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened<br>(TITANIUM™ UDL 50).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                                                 | 89.02<br>11.01<br>-2.18<br>-4.68<br>-7.73<br>-11.09    | 17.20                   |
| 07 34 00 00-0009 |     |     | Self-Adhering, Roofing Underlayment (07 34)<br>Note: Standard slope.                                                                                                                                                                                                                                                                                                                                                      |                                                        |                         |
| 07 34 00 00-0010 | SQ  |     | 48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS)<br>Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat) .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                  | 154.68<br>13.34<br>-4.52<br>-8.95<br>-14.51<br>-19.99  | 20.86                   |
| 07 34 00 00-0011 | SQ  |     | 60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering<br>(Grace Basik®).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                                                       | 233.60<br>13.34<br>-7.68<br>-14.48<br>-23.19<br>-31.04 | 20.86                   |
| 07 34 00 00-0012 | SQ  |     | 53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified<br>Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G) .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                              | 164.44<br>13.34<br>-4.91<br>-9.63<br>-15.59<br>-21.35  | 20.86                   |
| 07 34 00 00-0013 | SQ  |     | 65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene<br>(SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And<br>Metal) .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i> | 154.68<br>13.34<br>-4.52<br>-8.95<br>-14.51<br>-19.99  | 20.86                   |
| 07 34 00 00-0014 | SQ  |     | 45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing<br>Underlayment, Self-Adhering (TITANIUM™ PSU-30) .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                                                      | 222.21<br>13.34<br>-7.22<br>-13.68<br>-21.94<br>-29.44 | 20.86                   |
| 07 34 00 00-0015 | SQ  |     | 25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated<br>Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                                              | 186.55<br>13.34<br>-5.79<br>-11.18<br>-18.02<br>-24.45 | 20.86                   |
| 07 34 00 00-0016 | SQ  |     | 40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated<br>Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®) .....<br><i>For Steep Roof, Over 7 To 12, Add</i><br><i>For &gt;50 To 75, Deduct</i><br><i>For &gt;75 To 100, Deduct</i><br><i>For &gt;100 To 200, Deduct</i><br><i>For &gt;200, Deduct</i>                              | 278.44<br>13.34<br>-9.47<br>-17.61<br>-28.13<br>-37.31 | 20.86                   |

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 34 Roofing Underlayment**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 34 00 00-0017 | SQ  |     | 40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)..... | 318.69                    | 20.86                   |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                                                                                                                                                       | 13.34                     |                         |
|                  |     |     | For >50 To 75, Deduct                                                                                                                                                                                                   | -11.08                    |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                                                                                                                  | -20.43                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                                                                                                                 | -32.55                    |                         |
|                  |     |     | For >200, Deduct                                                                                                                                                                                                        | -42.95                    |                         |
| 07 34 00 00-0018 | SQ  |     | 30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....        | 469.70                    | 20.86                   |
|                  |     |     | For Steep Roof, Over 7 To 12, Add                                                                                                                                                                                       | 13.34                     |                         |
|                  |     |     | For >50 To 75, Deduct                                                                                                                                                                                                   | -17.12                    |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                                                                                                                  | -31.00                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                                                                                                                 | -49.17                    |                         |
|                  |     |     | For >200, Deduct                                                                                                                                                                                                        | -64.09                    |                         |

**07 40 Roofing and Siding Panels** (07)**07 41 Roof Panels** (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

**07 41 13 Metal Roof Panels** (07 41)

|                  |    |  |                                                                                                       |       |      |
|------------------|----|--|-------------------------------------------------------------------------------------------------------|-------|------|
| 07 41 13 00-0001 |    |  | Exposed Fastener Metal Roofing (07 41 13)                                                             |       |      |
|                  |    |  | Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor. |       |      |
| 07 41 13 00-0002 |    |  | Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)                                          |       |      |
| 07 41 13 00-0003 |    |  | Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)                                |       |      |
| 07 41 13 00-0004 | SF |  | 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 8.35  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0005 | SF |  | 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 7.64  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0006 | SF |  | 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 7.14  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0007 | SF |  | 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 6.65  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0008 | SF |  | 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 6.24  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0009 | SF |  | 28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 5.89  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0010 | SF |  | 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....                    | 5.75  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0011 |    |  | Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002)                                 |       |      |
|                  |    |  | See CSI section 07 41 13 00-0038 for accessories.                                                     |       |      |
| 07 41 13 00-0012 | LF |  | Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....                                     | 27.77 | 2.80 |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 3.62  |      |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.65  |      |
| 07 41 13 00-0013 | LF |  | 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing.....            | 17.30 | 1.84 |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 2.42  |      |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 0.98  |      |
| 07 41 13 00-0014 | LF |  | Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....                                    | 34.23 | 2.80 |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 3.62  |      |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 2.29  |      |
| 07 41 13 00-0015 | LF |  | Hip Flashing For Galvanized Steel Exposed Fastener Roofing.....                                       | 28.36 | 2.80 |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 3.62  |      |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.70  |      |
| 07 41 13 00-0016 |    |  | Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)                                            |       |      |
| 07 41 13 00-0017 |    |  | Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)                                        |       |      |
| 07 41 13 00-0018 | SF |  | 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....                       | 5.89  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0019 | SF |  | 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....                        | 6.15  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0020 | SF |  | 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....                        | 6.76  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |
| 07 41 13 00-0021 | SF |  | 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....                        | 7.57  | 2.69 |
|                  |    |  | For Fluoropolymer (Kynar®) Coating, Add                                                               | 1.89  |      |
|                  |    |  | For Steep Roof, Over 7 To 12, Add                                                                     | 1.38  |      |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Roofing and Siding Panels       |  |  | 07 40 |
| Roof Panels                     |  |  | 07 41 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TOTAL DIRECT UNIT COST                                | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------|
| 07 41 13 00-0022 | SF  |     | 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels .....<br>For Fluoropolymer (Kynar®) Coating, Add<br>For Steep Roof, Over 7 To 12, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8.38<br>1.89<br>1.38                                  | 2.69                 |
| 07 41 13 00-0023 | SF  |     | 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels .....<br>For Fluoropolymer (Kynar®) Coating, Add<br>For Steep Roof, Over 7 To 12, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9.39<br>1.89<br>1.38                                  | 2.69                 |
| 07 41 13 00-0024 |     |     | Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                      |
| 07 41 13 00-0025 | LF  |     | Ridge Flashing For Aluminum Exposed Fastener Metal Roofing.....<br>For Steep Roof, Over 7 To 12, Add<br>For Fluoropolymer (Kynar®) Coating, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 31.73<br>3.62<br>2.04                                 | 2.80                 |
| 07 41 13 00-0026 | LF  |     | 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing.....<br>For Steep Roof, Over 7 To 12, Add<br>For Fluoropolymer (Kynar®) Coating, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 19.59<br>2.42<br>1.20                                 | 1.94                 |
| 07 41 13 00-0027 | LF  |     | Valley Flashing For Aluminum Exposed Fastener Metal Roofing .....<br>For Steep Roof, Over 7 To 12, Add<br>For Fluoropolymer (Kynar®) Coating, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 39.81<br>3.62<br>2.35                                 | 2.80                 |
| 07 41 13 00-0028 | LF  |     | Hip Flashing For Aluminum Exposed Fastener Metal Roofing .....<br>For Steep Roof, Over 7 To 12, Add<br>For Fluoropolymer (Kynar®) Coating, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32.47<br>3.62<br>2.12                                 | 2.80                 |
| 07 41 13 00-0029 |     |     | Standing Seam Roofs (07 41 13)<br>Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loe architectural structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty. |                                                       |                      |
| 07 41 13 00-0030 |     |     | Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)<br>Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |                      |
| 07 41 13 00-0031 |     |     | Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                      |
| 07 41 13 00-0032 | SF  |     | Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13.21<br>1.71<br>1.72<br>0.72<br>3.30<br>1.98<br>0.33 | 2.86                 |
| 07 41 13 00-0033 | SF  |     | Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13.91<br>1.71<br>1.75<br>0.74<br>3.48<br>2.09<br>0.35 | 2.86                 |
| 07 41 13 00-0034 | SF  |     | Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.58<br>1.71<br>1.69<br>0.71<br>3.15<br>1.89<br>0.31 | 2.86                 |
| 07 41 13 00-0035 | SF  |     | Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.83<br>1.71<br>1.70<br>0.71<br>3.21<br>1.92<br>0.32 | 2.86                 |
| 07 41 13 00-0036 | SF  |     | Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13.11<br>1.71<br>1.71<br>0.72<br>3.28<br>1.97<br>0.33 | 2.86                 |
| 07 41 13 00-0037 | SF  |     | Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.13<br>1.71<br>1.76<br>0.74<br>3.53<br>2.12<br>0.35 | 2.86                 |
| 07 41 13 00-0038 |     |     | Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                      |
| 07 41 13 00-0039 | LF  |     | Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For 140 MPH Wind Load, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29.42<br>3.40<br>1.49                                 | 2.80                 |

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 41 Roof Panels**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 41 13 00-0040 | LF  |     | 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... | 18.28                     | 1.94                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 2.27                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 0.97                      |                         |
| 07 41 13 00-0041 | LF  |     | Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing .....                        | 36.52                     | 2.80                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 3.40                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.64                      |                         |
| 07 41 13 00-0042 | LF  |     | Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....                            | 30.06                     | 2.80                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 3.40                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.51                      |                         |
| 07 41 13 00-0043 |     |     | <b>Aluminum Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0029)                                |                           |                         |
|                  |     |     | Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.      |                           |                         |
| 07 41 13 00-0044 |     |     | <b>Aluminum Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0043)                                |                           |                         |
| 07 41 13 00-0045 | SF  |     | Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing .....                               | 13.70                     | 2.86                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 1.71                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 0.73                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 3.43                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 1.74                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 0.73                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.34                      |                         |
| 07 41 13 00-0046 | SF  |     | Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....                                | 14.30                     | 2.86                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 1.71                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 0.74                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 3.58                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 1.77                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 0.74                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.36                      |                         |
| 07 41 13 00-0047 | SF  |     | Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing .....      | 13.36                     | 2.86                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 1.71                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 0.72                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 3.34                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 1.72                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 0.72                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.33                      |                         |
| 07 41 13 00-0048 | SF  |     | Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing .....      | 14.46                     | 2.86                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 1.71                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 0.75                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 3.62                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 1.78                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 0.75                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.36                      |                         |
| 07 41 13 00-0049 |     |     | <b>Accessories For Aluminum Standing Seam Roofing</b> (07 41 13 00-0043)                                   |                           |                         |
| 07 41 13 00-0050 | LF  |     | Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....                                  | 33.77                     | 2.80                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 3.40                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.58                      |                         |
| 07 41 13 00-0051 | LF  |     | 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing .....        | 20.79                     | 1.94                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 2.27                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.02                      |                         |
| 07 41 13 00-0052 | LF  |     | Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing .....                                | 42.66                     | 2.80                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 3.40                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.76                      |                         |
| 07 41 13 00-0053 | LF  |     | Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....                                    | 34.58                     | 2.80                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 3.40                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.60                      |                         |
| 07 41 13 00-0054 |     |     | <b>Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0029)                         |                           |                         |
| 07 41 13 00-0055 |     |     | <b>Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0054)                         |                           |                         |
| 07 41 13 00-0056 | SF  |     | Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....                 | 25.83                     | 3.43                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 2.57                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.20                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 6.46                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 2.58                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.65                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 2.88                      |                         |
| 07 41 13 00-0057 | SF  |     | Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....                 | 29.50                     | 3.43                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 2.57                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.28                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 7.38                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 2.95                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.74                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 3.06                      |                         |
| 07 41 13 00-0058 | SF  |     | Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing .....                 | 33.84                     | 3.43                    |
|                  |     |     | For Steep Roof, Over 6 To 12, Add                                                                          | 2.57                      |                         |
|                  |     |     | For 140 MPH Wind Load, Add                                                                                 | 1.36                      |                         |
|                  |     |     | For Up To 1,500, Add                                                                                       | 8.46                      |                         |
|                  |     |     | For Up To 5000, Add                                                                                        | 3.38                      |                         |
|                  |     |     | For > 5000 To 10000, Add                                                                                   | 0.85                      |                         |
|                  |     |     | For Panels < 16" Wide, Add                                                                                 | 3.28                      |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                | TOTAL DIRECT UNIT COST                                | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------|
| 07 41 13 00-0059 | SF  |     | Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add .....<br>For 140 MPH Wind Load, Add .....<br>For Up To 1,500, Add .....<br>For Up To 5000, Add .....<br>For > 5000 To 10000, Add .....<br>For Panels < 16" Wide, Add ..... | 39.42<br>2.57<br>1.47<br>9.86<br>3.94<br>0.99<br>3.56 | 3.43                 |
| 07 41 13 00-0060 |     |     | Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)                                                                                                                                                                                                                |                                                       |                      |
| 07 41 13 00-0061 | LF  |     | Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add .....<br>For 140 MPH Wind Load, Add .....                                                                                                                                           | 79.87<br>3.75<br>2.60                                 | 3.13                 |
| 07 41 13 00-0062 | LF  |     | 9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add .....<br>For 140 MPH Wind Load, Add .....                                                                                                                  | 43.04<br>2.49<br>1.52                                 | 2.05                 |
| 07 41 13 00-0063 | LF  |     | Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add .....<br>For 140 MPH Wind Load, Add .....                                                                                                                                          | 110.60<br>3.72<br>3.20                                | 3.13                 |
| 07 41 13 00-0064 | LF  |     | Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing .....<br>For Steep Roof, Over 6 To 12, Add .....<br>For 140 MPH Wind Load, Add .....                                                                                                                                             | 82.30<br>3.75<br>2.65                                 | 3.13                 |
| 07 41 13 00-0065 |     |     | Metal Roof Surfacing (07 41 13)                                                                                                                                                                                                                                                                            |                                                       |                      |
| 07 41 13 00-0066 | SF  |     | Acrylic, Metal Roof Primer, One Coat .....<br>For Steep Roof, Over 7 To 12, Add .....                                                                                                                                                                                                                      | 0.48<br>0.07                                          |                      |
| 07 41 13 00-0067 | SF  |     | Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat .....<br>Note: 55% solids by volume.<br>For Steep Roof, Over 7 To 12, Add .....                                                                                                                                                   | 0.73<br>0.07                                          |                      |
| 07 41 16         |     |     | Insulated Metal Roof Panels (07 41)                                                                                                                                                                                                                                                                        |                                                       |                      |
| 07 41 16 00-0001 |     |     | Standing Seam Polyurethane Insulated Metal Roof Panels (07 41 16)                                                                                                                                                                                                                                          |                                                       |                      |
| 07 41 16 00-0002 |     |     | Standing Seam Polyurethane Insulated Metal Roof Panel (07 41 16 00-0001)<br>Note: Exterior face gauge shall be 24 gauge, galvanized steel; Interior liner shall be 24 gauge. Galvalume® AZ-55 coating designation with texture; Non-CFC polyurethane foam core.                                            |                                                       |                      |
| 07 41 16 00-0003 | SF  |     | 2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                               | 26.40<br>0.24<br>0.12                                 | 4.34                 |
| 07 41 16 00-0004 | SF  |     | 2-1/2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                           | 29.08<br>0.24<br>0.12                                 | 4.68                 |
| 07 41 16 00-0005 | SF  |     | 3" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                               | 30.88<br>0.24<br>0.12                                 | 5.09                 |
| 07 41 16 00-0006 | SF  |     | 4" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                               | 32.35<br>0.24<br>0.12                                 | 5.38                 |
| 07 41 16 00-0007 | SF  |     | 5" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                               | 33.89<br>0.24<br>0.12                                 | 5.66                 |
| 07 41 16 00-0008 | SF  |     | 6" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels .....<br>For AZ-50 Aluminum-Zinc Coated Exterior, Add .....<br>For Premium Exterior Colors, Add .....                                                                                               | 35.16<br>0.24<br>0.12                                 | 5.96                 |
| 07 41 33         |     |     | Plastic Roof Panels (07 41)                                                                                                                                                                                                                                                                                |                                                       |                      |
| 07 41 33 00-0001 |     |     | Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)                                                                                                                                                                                                                                                         |                                                       |                      |
| 07 41 33 00-0002 |     |     | Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)                                                                                                                                                                                                                                                 |                                                       |                      |
| 07 41 33 00-0003 | SF  |     | Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide .....                                                                                                                                                                                                                                               | 7.82                                                  | 2.29                 |
| 07 41 33 00-0004 | SF  |     | Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide .....                                                                                                                                                                                                                                              | 7.60                                                  | 2.07                 |
| 07 41 33 00-0005 | SF  |     | Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide .....                                                                                                                                                                                                                                        | 8.18                                                  | 2.29                 |
| 07 41 33 00-0006 | SF  |     | Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide .....                                                                                                                                                                                                                                       | 7.91                                                  | 2.07                 |
| 07 41 33 00-0007 |     |     | Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)                                                                                                                                                                                                                                            |                                                       |                      |
| 07 41 33 00-0008 | LF  |     | 1" "J" Channel, Starter Strip Trim .....                                                                                                                                                                                                                                                                   | 4.55                                                  | 1.72                 |
| 07 41 33 00-0009 | LF  |     | 3-1/2" "J" Channel, Starter Strip Trim .....                                                                                                                                                                                                                                                               | 7.30                                                  | 1.72                 |
| 07 41 33 00-0010 | LF  |     | Outside Corner Post, 7/8" Pocket .....                                                                                                                                                                                                                                                                     | 8.10                                                  | 1.72                 |
| 07 41 33 00-0011 | LF  |     | Inside Corner Post, 7/8" Pocket .....                                                                                                                                                                                                                                                                      | 5.96                                                  | 1.72                 |
| 07 41 33 00-0012 |     |     | Fiberglass Roofing Panel (07 41 33)                                                                                                                                                                                                                                                                        |                                                       |                      |
| 07 41 33 00-0013 |     |     | Corrugated Panels (07 41 33 00-0012)                                                                                                                                                                                                                                                                       |                                                       |                      |
| 07 41 33 00-0014 | SF  |     | 8 Ounce Corrugated Fiberglass Panel .....                                                                                                                                                                                                                                                                  | 7.04                                                  | 1.84                 |
| 07 41 33 00-0015 | SF  |     | 12 Ounce Corrugated Fiberglass Panel .....                                                                                                                                                                                                                                                                 | 8.14                                                  | 1.84                 |

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 42 Wall Panels** (07 40)**07 42 13 Metal Wall Panels** (07 42)**07 42 13 19 Insulated Metal Wall Panels** (07 42 13)**07 42 13 19-0001 Insulated Panels For Sash/Window Replacement** (07 42 13 19)

Note: Porcelain or polymer finish on aluminum panel with polystyrene core.

|                  |    |                                                             |       |      |
|------------------|----|-------------------------------------------------------------|-------|------|
| 07 42 13 19-0002 | SF | 1" Insulated Panel For Sash Or Window Replacement.....      | 31.45 | 4.34 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -5.68 |      |
| 07 42 13 19-0003 | SF | 1-1/4" Insulated Panel For Sash Or Window Replacement ..... | 33.95 | 4.88 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -6.07 |      |
| 07 42 13 19-0004 | SF | 1-3/4" Insulated Panel For Sash Or Window Replacement ..... | 36.26 | 5.43 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -6.46 |      |
| 07 42 13 19-0005 | SF | 2-1/4" Insulated Panel For Sash Or Window Replacement ..... | 38.70 | 5.64 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -6.85 |      |
| 07 42 13 19-0006 | SF | 3-1/4" Insulated Panel For Sash Or Window Replacement ..... | 44.16 | 6.18 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -7.96 |      |
| 07 42 13 19-0007 | SF | 4-1/4" Insulated Panel For Sash Or Window Replacement ..... | 51.76 | 6.84 |
|                  |    | <i>For Non-Insulated Panels, Deduct</i>                     | -9.55 |      |

**07 42 13 23 Metal Composite Material Wall Panels** (07 42 13)**07 42 13 23-0001 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels** (07 42 13 23)

Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.

|                  |    |                                                                                                                       |       |      |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------|-------|------|
| 07 42 13 23-0002 | SF | 2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....     | 22.47 | 2.48 |
|                  |    | <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>                                                                   | 0.24  |      |
|                  |    | <i>For Premium Exterior Colors, Add</i>                                                                               | 0.12  |      |
| 07 42 13 23-0003 | SF | 2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels..... | 25.17 | 2.80 |
|                  |    | <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>                                                                   | 0.24  |      |
|                  |    | <i>For Premium Exterior Colors, Add</i>                                                                               | 0.12  |      |
| 07 42 13 23-0004 | SF | 3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....     | 27.43 | 3.18 |
|                  |    | <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>                                                                   | 0.24  |      |
|                  |    | <i>For Premium Exterior Colors, Add</i>                                                                               | 0.12  |      |
| 07 42 13 23-0005 | SF | 4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....     | 30.46 | 4.21 |
|                  |    | <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>                                                                   | 0.24  |      |
|                  |    | <i>For Premium Exterior Colors, Add</i>                                                                               | 0.12  |      |

**07 42 63 Fabricated Wall Panel Assemblies** (07 42)**07 42 63 00-0001 Insulated Freezer And Chiller Panels** (07 42 63)

Note: Excludes suspension system for ceiling support.

**07 42 63 00-0002 Polyurethane Sandwich Panel** (07 42 63 00-0001)

Note: With 22 gauge galvanized sheet metal face excludes painting.

|                  |    |                                                              |       |      |
|------------------|----|--------------------------------------------------------------|-------|------|
| 07 42 63 00-0003 | SF | 2" 22 Gauge Freezer Panel Sheet Metal Both Faces .....       | 28.91 | 1.74 |
| 07 42 63 00-0004 | SF | 3" 22 Gauge Freezer Panel Sheet Metal Both Faces .....       | 30.73 | 1.74 |
| 07 42 63 00-0005 | SF | 4" 22 Gauge Freezer Panel Sheet Metal Both Faces .....       | 36.89 | 1.74 |
| 07 42 63 00-0006 | SF | 5" 22 Gauge Freezer Panel Sheet Metal Both Faces .....       | 40.03 | 1.85 |
| 07 42 63 00-0007 | SF | 6" 22 Gauge Freezer Panel Sheet Metal Both Faces .....       | 42.57 | 1.85 |
| 07 42 63 00-0008 | SF | 2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) ..... | 25.99 | 1.44 |
| 07 42 63 00-0009 | SF | 3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) ..... | 28.42 | 1.44 |
| 07 42 63 00-0010 | SF | 4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) ..... | 34.55 | 1.54 |
| 07 42 63 00-0011 | SF | 5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) ..... | 33.42 | 1.54 |
| 07 42 63 00-0012 | SF | 6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) ..... | 39.57 | 1.54 |

**07 42 63 00-0013 Polyurethane Sandwich Panel** (07 42 63 00-0001)

Note: With .040 aluminum baked enamel finish.

|                  |    |                                                                      |       |      |
|------------------|----|----------------------------------------------------------------------|-------|------|
| 07 42 63 00-0014 | SF | 2" Freezer Panel 0.040" Aluminum Finish Both Faces .....             | 21.64 | 1.74 |
| 07 42 63 00-0015 | SF | 3" Freezer Panel 0.040" Aluminum Finish Both Faces .....             | 23.29 | 1.74 |
| 07 42 63 00-0016 | SF | 4" Freezer Panel 0.040" Aluminum Finish Both Faces .....             | 27.52 | 1.74 |
| 07 42 63 00-0017 | SF | 5" Freezer Panel 0.040" Aluminum Finish Both Faces .....             | 30.12 | 1.85 |
| 07 42 63 00-0018 | SF | 6" Freezer Panel 0.040" Aluminum Finish Both Faces .....             | 31.88 | 1.85 |
| 07 42 63 00-0019 | SF | 2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) ..... | 19.49 | 1.44 |
| 07 42 63 00-0020 | SF | 3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) ..... | 21.15 | 1.44 |
| 07 42 63 00-0021 | SF | 4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) ..... | 22.86 | 1.54 |
| 07 42 63 00-0022 | SF | 5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) ..... | 27.09 | 1.54 |
| 07 42 63 00-0023 | SF | 6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) ..... | 29.66 | 1.54 |

**07 42 93 Soffit Panels** (07 42)





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 42 93 00-0001 |     |     | Aluminum Soffit And Fascia (07 42 93)<br>Note: Excludes J-channel.                                                                  |                        |                      |
| 07 42 93 00-0002 | LF  |     | 6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 4.56<br>-0.11          | 1.51                 |
| 07 42 93 00-0003 | LF  |     | 10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                        | 5.72<br>-0.18          | 1.60                 |
| 07 42 93 00-0004 | LF  |     | 1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 6.30<br>-0.22          | 1.64                 |
| 07 42 93 00-0005 | LF  |     | 1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                      | 7.98<br>-0.33          | 1.73                 |
| 07 42 93 00-0006 | LF  |     | 2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 9.83<br>-0.44          | 1.89                 |
| 07 42 93 00-0007 | LF  |     | 3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 13.23<br>-0.66         | 2.08                 |
| 07 42 93 00-0008 | LF  |     | 4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 16.66<br>-0.88         | 2.30                 |
| 07 42 93 00-0009 | LF  |     | 5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....<br>For 0.015" Thick, Deduct                                         | 20.14<br>-1.10         | 2.52                 |
| 07 42 93 00-0010 | LF  |     | 4" Exposure, 0.024" Thick, Aluminum Fascia.....                                                                                     | 5.44                   | 1.48                 |
| 07 42 93 00-0011 | LF  |     | 6" Exposure, 0.024" Thick, Aluminum Fascia.....                                                                                     | 5.98                   | 1.51                 |
| 07 42 93 00-0012 | LF  |     | 8" Exposure, 0.024" Thick, Aluminum Fascia.....                                                                                     | 7.08                   | 1.57                 |
| 07 42 93 00-0013 | LF  |     | 10" Exposure, 0.024" Thick, Aluminum Fascia.....                                                                                    | 8.27                   | 1.60                 |
| 07 46            |     |     | Siding (07 40)                                                                                                                      |                        |                      |
| 07 46 16         |     |     | Aluminum Siding (07 46)<br>Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.             |                        |                      |
| 07 46 16 00-0001 |     |     | Aluminum Coil Stock Cladding (07 46 16)<br>Note: Per SF of board, includes overlap page.                                            |                        |                      |
| 07 46 16 00-0002 | SF  |     | 0.016" Thick, Aluminum Clad Siding.....                                                                                             | 11.63                  | 3.67                 |
| 07 46 16 00-0003 | SF  |     | 0.019" Thick, Aluminum Clad Siding.....                                                                                             | 11.79                  | 3.67                 |
| 07 46 16 00-0004 | SF  |     | 0.024" Thick, Aluminum Clad Siding.....                                                                                             | 12.07                  | 3.67                 |
| 07 46 16 00-0005 |     |     | Aluminum Siding Panels (07 46 16)                                                                                                   |                        |                      |
| 07 46 16 00-0006 |     |     | Corrugated Aluminum Siding Panels (07 46 16 00-0005)<br>Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish. |                        |                      |
| 07 46 16 00-0007 | SF  |     | 0.019", Painted Finish, Corrugated Aluminum Siding Panel.....                                                                       | 8.72                   | 2.16                 |
| 07 46 16 00-0008 | SF  |     | 0.021", Painted Finish, Corrugated Aluminum Siding Panel.....                                                                       | 9.11                   | 2.16                 |
| 07 46 16 00-0009 | SF  |     | 0.024", Painted Finish, Corrugated Aluminum Siding Panel.....                                                                       | 10.34                  | 2.16                 |
| 07 46 16 00-0010 | SF  |     | 0.032", Painted Finish, Corrugated Aluminum Siding Panel.....                                                                       | 12.74                  | 2.16                 |
| 07 46 16 00-0011 |     |     | V- Beam Aluminum Siding Panels (07 46 16 00-0005)<br>Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.    |                        |                      |
| 07 46 16 00-0012 | SF  |     | 0.032", Painted Finish, V- Beam Aluminum Siding Panel.....                                                                          | 12.63                  | 2.16                 |
| 07 46 16 00-0013 | SF  |     | 0.040", Painted Finish, V- Beam Aluminum Siding Panel.....                                                                          | 14.24                  | 2.16                 |
| 07 46 16 00-0014 | SF  |     | 0.050", Painted Finish, V- Beam Aluminum Siding Panel.....                                                                          | 18.05                  | 2.16                 |
| 07 46 16 00-0015 |     |     | Box Ribbed Aluminum Siding Panels (07 46 16 00-0005)<br>Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish. |                        |                      |
| 07 46 16 00-0016 | SF  |     | 0.032", Painted Finish, Box Ribbed Aluminum Siding Panel.....                                                                       | 13.34                  | 2.16                 |
| 07 46 16 00-0017 | SF  |     | 0.040", Painted Finish, Box Ribbed Aluminum Siding Panel.....                                                                       | 14.89                  | 2.16                 |
| 07 46 16 00-0018 | SF  |     | 0.050", Painted Finish, Box Ribbed Aluminum Siding Panel.....                                                                       | 15.83                  | 2.16                 |
| 07 46 16 00-0019 |     |     | Aluminum Siding Accessories (07 46 16)                                                                                              |                        |                      |
| 07 46 16 00-0020 | LF  |     | 3/8" Pocket, Aluminum J-Channel.....                                                                                                | 3.50                   | 1.42                 |
| 07 46 16 00-0021 | LF  |     | 1/2" Pocket, Aluminum J-Channel.....                                                                                                | 3.50                   | 1.42                 |
| 07 46 16 00-0022 | LF  |     | 3/4" Pocket, Aluminum J-Channel.....                                                                                                | 4.19                   | 1.42                 |
| 07 46 16 00-0023 | LF  |     | 3/8" Pocket, Aluminum F-Channel.....                                                                                                | 3.91                   | 1.42                 |
| 07 46 16 00-0024 | LF  |     | 1/2" Pocket, Aluminum F-Channel.....                                                                                                | 3.91                   | 1.42                 |
| 07 46 19         |     |     | Steel Siding (07 46)<br>Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.                |                        |                      |
| 07 46 19 00-0001 |     |     | Steel Siding Panels (07 46 19)                                                                                                      |                        |                      |
| 07 46 19 00-0002 |     |     | Corrugated Steel Siding Panels (07 46 19 00-0001)<br>Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.    |                        |                      |
| 07 46 19 00-0003 | SF  |     | 20 Gauge, Painted Finish, Corrugated Steel Siding Panel.....<br>For Galvanized Instead Of Painted Steel, Add                        | 13.26<br>2.24          | 2.16                 |
| 07 46 19 00-0004 | SF  |     | 22 Gauge, Painted Finish, Corrugated Steel Siding Panel.....<br>For Galvanized Instead Of Painted Steel, Add                        | 12.10<br>1.95          | 2.16                 |
| 07 46 19 00-0005 | SF  |     | 24 Gauge, Painted Finish, Corrugated Steel Siding Panel.....<br>For Galvanized Instead Of Painted Steel, Add                        | 11.82<br>1.88          | 2.16                 |
| 07 46 19 00-0006 | SF  |     | 26 Gauge, Painted Finish, Corrugated Steel Siding Panel.....<br>For Galvanized Instead Of Painted Steel, Add                        | 8.41<br>1.02           | 2.16                 |

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 46 Siding**

| MINOR                   | CSI | UOM | DESCRIPTION                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 46 19 00-0007        | SF  |     | 28 Gauge, Painted Finish, Corrugated Steel Siding Panel .....                                         | 8.17                      | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 0.96                      |                         |
| 07 46 19 00-0008        | SF  |     | 30 Gauge, Painted Finish, Corrugated Steel Siding Panel .....                                         | 8.01                      | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 0.92                      |                         |
| <b>07 46 19 00-0009</b> |     |     | <b>Box Ribbed Steel Siding Panels</b> (07 46 19 00-0001)                                              |                           |                         |
|                         |     |     | Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.                           |                           |                         |
| 07 46 19 00-0010        | SF  |     | 20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....                                          | 12.38                     | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 2.02                      |                         |
| 07 46 19 00-0011        | SF  |     | 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....                                          | 11.86                     | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 1.89                      |                         |
| 07 46 19 00-0012        | SF  |     | 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....                                          | 11.52                     | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 1.80                      |                         |
| 07 46 19 00-0013        | SF  |     | 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....                                          | 10.94                     | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 1.66                      |                         |
| 07 46 19 00-0014        | SF  |     | 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....                                          | 9.70                      | 2.16                    |
|                         |     |     | <i>For Galvanized Instead Of Painted Steel, Add</i>                                                   | 1.35                      |                         |
| <b>07 46 19 00-0015</b> |     |     | <b>Clapboard Steel Siding Panels</b> (07 46 19 00-0001)                                               |                           |                         |
|                         |     |     | Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.                           |                           |                         |
| 07 46 19 00-0016        | SF  |     | 29 Gauge, Painted Finish, Clapboard Steel Siding Panel.....                                           | 10.04                     | 1.08                    |
| <b>07 46 23</b>         |     |     | <b>Wood Siding</b> (07 46)                                                                            |                           |                         |
|                         |     |     | Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.          |                           |                         |
| <b>07 46 23 00-0001</b> |     |     | <b>Wood Lap Siding</b> (07 46 23)                                                                     |                           |                         |
| 07 46 23 00-0002        | LF  |     | 8" Wide Rough Sawn Cedar Lap Siding .....                                                             | 4.15                      | 1.57                    |
| 07 46 23 00-0003        | LF  |     | 10" Wide Rough Sawn Cedar Lap Siding .....                                                            | 4.70                      | 1.68                    |
| 07 46 23 00-0004        | LF  |     | 12" Wide Rough Sawn Cedar Lap Siding .....                                                            | 5.27                      | 1.78                    |
| 07 46 23 00-0005        | LF  |     | 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade .....                                          | 4.45                      | 1.57                    |
| 07 46 23 00-0006        | LF  |     | 6" To 8" Wide Spruce Lap Siding, #2 Or Better .....                                                   | 4.97                      | 1.57                    |
| 07 46 23 00-0007        | LF  |     | 6" To 8" Wide Western Red Cedar, B Grade Lap Siding .....                                             | 6.07                      | 1.57                    |
| 07 46 23 00-0008        | LF  |     | 6" To 8" Wide Western Red Cedar, A Grade Lap Siding .....                                             | 6.51                      | 1.57                    |
| 07 46 23 00-0009        | LF  |     | 6" To 8" Wide Clear Heart Redwood Lap Siding .....                                                    | 5.89                      | 1.57                    |
| 07 46 23 00-0010        | LF  |     | 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin .....                                             | 4.08                      | 1.68                    |
| 07 46 23 00-0011        | LF  |     | 1" x 8" Cedar Beveled Siding, Channel, Rustic .....                                                   | 4.08                      | 1.68                    |
| <b>07 46 23 00-0012</b> |     |     | <b>Tongue And Groove Siding</b> (07 46 23)                                                            |                           |                         |
| 07 46 23 00-0013        | SF  |     | 1" x 6" Tongue And Groove Southern Yellow Pine Siding .....                                           | 4.15                      | 1.57                    |
| 07 46 23 00-0014        | SF  |     | 1" x 8" Tongue And Groove Southern Yellow Pine Siding .....                                           | 4.61                      | 1.57                    |
| 07 46 23 00-0015        | SF  |     | 1" x 6" 105 Southern Yellow Pine Siding .....                                                         | 4.26                      | 1.57                    |
| 07 46 23 00-0016        | SF  |     | 1" x 8" 105 Southern Yellow Pine Siding .....                                                         | 4.88                      | 1.57                    |
| <b>07 46 29</b>         |     |     | <b>Plywood Siding</b> (07 46)                                                                         |                           |                         |
|                         |     |     | Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.          |                           |                         |
| <b>07 46 29 00-0001</b> |     |     | <b>T-111 Siding</b> (07 46 29)                                                                        |                           |                         |
| 07 46 29 00-0002        | SF  |     | 5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....                          | 3.03                      | 0.76                    |
|                         |     |     | <i>For Pressure Treated, Add</i>                                                                      | 0.18                      |                         |
| <b>07 46 33</b>         |     |     | <b>Plastic Siding</b> (07 46)                                                                         |                           |                         |
|                         |     |     | Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.          |                           |                         |
| <b>07 46 33 00-0001</b> |     |     | <b>Vinyl Siding</b> (07 46 33)                                                                        |                           |                         |
|                         |     |     | Note: Includes standard manufacturer's colors.                                                        |                           |                         |
| <b>07 46 33 00-0002</b> |     |     | <b>Vinyl Siding Panels</b> (07 46 33 00-0001)                                                         |                           |                         |
|                         |     |     | Note: Excludes J-channels, starter strips and trim.                                                   |                           |                         |
| <b>07 46 33 00-0003</b> |     |     | <b>Horizontal Vinyl Siding Panels</b> (07 46 33 00-0002)                                              |                           |                         |
|                         |     |     | Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles. |                           |                         |
| 07 46 33 00-0004        | SF  |     | 7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....                                         | 5.25                      | 1.86                    |
|                         |     |     | <i>For 0.040" Thick, Deduct</i>                                                                       | -0.21                     |                         |
|                         |     |     | <i>For 0.042" Thick, Deduct</i>                                                                       | -0.08                     |                         |
|                         |     |     | <i>For 0.046" Thick, Add</i>                                                                          | 0.65                      |                         |
|                         |     |     | <i>For Manufacturer's Custom Colors, Add</i>                                                          | 0.08                      |                         |
| 07 46 33 00-0005        | SF  |     | 8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....                                         | 5.03                      | 1.75                    |
|                         |     |     | <i>For 0.040" Thick, Deduct</i>                                                                       | -0.21                     |                         |
|                         |     |     | <i>For 0.042" Thick, Deduct</i>                                                                       | -0.08                     |                         |
|                         |     |     | <i>For 0.046" Thick, Add</i>                                                                          | 0.65                      |                         |
|                         |     |     | <i>For Manufacturer's Custom Colors, Add</i>                                                          | 0.08                      |                         |
| 07 46 33 00-0006        | SF  |     | 9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....                                         | 4.86                      | 1.67                    |
|                         |     |     | <i>For 0.040" Thick, Deduct</i>                                                                       | -0.21                     |                         |
|                         |     |     | <i>For 0.042" Thick, Deduct</i>                                                                       | -0.08                     |                         |
|                         |     |     | <i>For 0.046" Thick, Add</i>                                                                          | 0.65                      |                         |
|                         |     |     | <i>For Manufacturer's Custom Colors, Add</i>                                                          | 0.08                      |                         |



| MINOR            | CSI | UOM    | DESCRIPTION                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST                 | DEMOLITION UNIT COST |
|------------------|-----|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 07 46 33 00-0007 | SF  | 10"    | Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....<br><i>For 0.040" Thick, Deduct</i><br><i>For 0.042" Thick, Deduct</i><br><i>For 0.046" Thick, Add</i><br><i>For Manufacturer's Custom Colors, Add</i> | 4.70<br>-0.21<br>-0.08<br>0.65<br>0.08 | 1.59                 |
| 07 46 33 00-0008 | SF  | 12"    | Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....<br><i>For 0.040" Thick, Deduct</i><br><i>For 0.042" Thick, Deduct</i><br><i>For 0.046" Thick, Add</i><br><i>For Manufacturer's Custom Colors, Add</i> | 4.48<br>-0.21<br>-0.08<br>0.65<br>0.08 | 1.47                 |
| 07 46 33 00-0009 |     |        | Vertical Vinyl Siding Panels (07 46 33 00-0002)                                                                                                                                                                  |                                        |                      |
| 07 46 33 00-0010 | SF  | 7"     | Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                | 6.44<br>0.14                           | 1.86                 |
| 07 46 33 00-0011 |     |        | Vinyl Siding Accessories (07 46 33 00-0001)                                                                                                                                                                      |                                        |                      |
| 07 46 33 00-0012 | LF  | 3/4"   | Pocket, Outside Corner Post For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                | 6.74<br>0.19                           | 1.42                 |
| 07 46 33 00-0013 | LF  | 1-1/8" | Pocket, Outside Corner Post For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                | 12.70<br>0.49                          | 1.42                 |
| 07 46 33 00-0014 | LF  | 3/4"   | Pocket, Inside Corner Post For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                 | 5.24<br>0.12                           | 1.42                 |
| 07 46 33 00-0015 | LF  | 1-1/8" | Pocket, Inside Corner Post For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                 | 6.50<br>0.18                           | 1.42                 |
| 07 46 33 00-0016 | LF  | 3/8"   | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 3.81<br>0.06                           | 1.42                 |
| 07 46 33 00-0017 | LF  | 1/2"   | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 3.53<br>0.05                           | 1.42                 |
| 07 46 33 00-0018 | LF  | 5/8"   | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 3.47<br>0.04                           | 1.42                 |
| 07 46 33 00-0019 | LF  | 3/4"   | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 3.65<br>0.05                           | 1.42                 |
| 07 46 33 00-0020 | LF  | 1"     | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 4.38<br>0.08                           | 1.42                 |
| 07 46 33 00-0021 | LF  | 1-1/4" | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 4.81<br>0.10                           | 1.42                 |
| 07 46 33 00-0022 | LF  | 2-1/2" | Pocket, J-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                          | 5.34<br>0.09                           | 1.42                 |
| 07 46 33 00-0023 | LF  | 1/2"   | F-Channel For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                                  | 3.68<br>0.07                           | 1.42                 |
| 07 46 33 00-0024 | LF  | 3/4"   | Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                 | 8.52<br>0.23                           | 1.97                 |
| 07 46 33 00-0025 | LF  | 3/4"   | Pocket, 5" Lineal Trim For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                     | 8.94<br>0.25                           | 1.97                 |
| 07 46 33 00-0026 | LF  | 1-1/8" | Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                 | 9.87<br>0.30                           | 1.97                 |
| 07 46 33 00-0027 | LF  | 3/8"   | Pocket, 1-7/8" H-Mold For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                      | 5.00<br>0.11                           | 1.42                 |
| 07 46 33 00-0028 | LF  |        | Vinyl Starter Strip For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                        | 6.32<br>0.17                           | 1.42                 |
| 07 46 33 00-0029 | LF  |        | Undersill Trim For Vinyl Siding.....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                                             | 5.37<br>0.13                           | 1.42                 |
| 07 46 33 00-0030 |     |        | Vinyl Soffit And Fascia (07 46 33 00-0001)                                                                                                                                                                       |                                        |                      |
|                  |     |        | Note: Excludes J-channel.                                                                                                                                                                                        |                                        |                      |
| 07 46 33 00-0031 | LF  | 6"     | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 4.45<br>-0.63<br>-0.54<br>0.07         | 1.51                 |
| 07 46 33 00-0032 | LF  | 10"    | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 5.54<br>-1.06<br>-0.90<br>0.12         | 1.60                 |
| 07 46 33 00-0033 | LF  | 1"     | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 6.09<br>-1.29<br>-1.08<br>0.14         | 1.64                 |
| 07 46 33 00-0034 | LF  | 1'-6"  | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 7.66<br>-1.92<br>-1.62<br>0.21         | 1.73                 |
| 07 46 33 00-0035 | LF  | 2'     | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 9.41<br>-2.58<br>-2.15<br>0.28         | 1.89                 |
| 07 46 33 00-0036 | LF  | 3'     | Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i>                                  | 12.60<br>-3.87<br>-3.23<br>0.42        | 2.08                 |

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 46 Siding**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                        | TOTAL DIRECT<br>UNIT COST       | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| 07 46 33 00-0037 | LF  |     | 4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i> | 15.82<br>-5.15<br>-4.33<br>0.56 | 2.30                    |
| 07 46 33 00-0038 | LF  |     | 5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....<br><i>For 0.038" Thick, Deduct</i><br><i>For 0.040" Thick, Deduct</i><br><i>For Manufacturer's Custom Colors, Add</i> | 19.09<br>-6.44<br>-5.40<br>0.70 | 2.52                    |
| 07 46 33 00-0039 | LF  |     | 4" Exposure, Vinyl Fascia .....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                    | 4.66<br>0.08                    | 1.48                    |
| 07 46 33 00-0040 | LF  |     | 6" Exposure, Vinyl Fascia .....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                    | 5.23<br>0.11                    | 1.51                    |
| 07 46 33 00-0041 | LF  |     | 8" Exposure, Vinyl Fascia .....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                    | 5.15<br>0.10                    | 1.57                    |
| 07 46 33 00-0042 | LF  |     | 10" Exposure, Vinyl Fascia .....<br><i>For Manufacturer's Custom Colors, Add</i>                                                                                                   | 5.95<br>0.14                    | 1.60                    |
| 07 46 33 00-0043 |     |     | <b>Fiberglass Siding</b> (07 46 33)                                                                                                                                                |                                 |                         |
| 07 46 33 00-0044 |     |     | <b>Corrugated Panels</b> (07 46 33 00-0043)                                                                                                                                        |                                 |                         |
| 07 46 33 00-0045 | SF  |     | 6 Ounce Corrugated Fiberglass Panels .....                                                                                                                                         | 6.84                            | 2.19                    |
| 07 46 33 00-0046 | SF  |     | 8 Ounce Corrugated Fiberglass Panels .....                                                                                                                                         | 7.29                            | 1.97                    |
| 07 46 33 00-0047 | SF  |     | 12 Ounce Corrugated Fiberglass Panels .....                                                                                                                                        | 8.13                            | 1.97                    |
| 07 46 33 00-0048 |     |     | <b>Flat Panels</b> (07 46 33 00-0043)                                                                                                                                              |                                 |                         |
| 07 46 33 00-0049 | SF  |     | 6 Ounce Flat Fiberglass Panels .....                                                                                                                                               | 6.54                            | 1.97                    |
| 07 46 33 00-0050 | SF  |     | 8 Ounce Flat Fiberglass Panels .....                                                                                                                                               | 7.29                            | 1.97                    |
| <b>07 46 46</b>  |     |     | <b>Fiber-Cement Siding</b> (07 46)                                                                                                                                                 |                                 |                         |
|                  |     |     | Note: Smooth or patterns. Includes sealer and primer.                                                                                                                              |                                 |                         |
| 07 46 46 00-0001 |     |     | <b>5/16" Thick, Fiber Cement Lap Siding</b> (07 46 46)                                                                                                                             |                                 |                         |
| 07 46 46 00-0002 | SF  |     | 5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                           | 6.08                            | 2.30                    |
| 07 46 46 00-0003 | SF  |     | 6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                           | 5.78                            | 2.19                    |
| 07 46 46 00-0004 | SF  |     | 7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                           | 5.65                            | 2.14                    |
| 07 46 46 00-0005 | SF  |     | 8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                           | 5.52                            | 2.07                    |
| 07 46 46 00-0006 | SF  |     | 9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                           | 5.26                            | 1.97                    |
| 07 46 46 00-0007 | SF  |     | 12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....                                                                                                         | 5.02                            | 1.86                    |
| 07 46 46 00-0008 | LF  |     | Starter Strip, Fiber Cement Lap Siding .....                                                                                                                                       | 1.33                            | 0.55                    |
| 07 46 46 00-0009 |     |     | <b>Fiber Cement Shingle Siding</b> (07 46 46)                                                                                                                                      |                                 |                         |
| 07 46 46 00-0010 | SF  |     | Fiber Cement Shingle Siding .....                                                                                                                                                  | 8.59                            | 2.02                    |
| 07 46 46 00-0011 |     |     | <b>Fiber Cement Vertical Panel Siding</b> (07 46 46)                                                                                                                               |                                 |                         |
| 07 46 46 00-0012 | SF  |     | Fiber Cement Vertical Panel Siding .....                                                                                                                                           | 4.44                            | 1.64                    |
| 07 46 46 00-0013 |     |     | <b>Fiber Cement Trim Boards</b> (07 46 46)                                                                                                                                         |                                 |                         |
| 07 46 46 00-0014 |     |     | <b>7/16" Thick, Fiber Cement Trim Boards</b> (07 46 46 00-0013)                                                                                                                    |                                 |                         |
| 07 46 46 00-0015 | LF  |     | 4" Wide, 7/16" Thick, Fiber Cement Trim Board .....                                                                                                                                | 2.91                            | 1.10                    |
| 07 46 46 00-0016 | LF  |     | 6" Wide, 7/16" Thick, Fiber Cement Trim Board .....                                                                                                                                | 3.61                            | 1.20                    |
| 07 46 46 00-0017 | LF  |     | 8" Wide, 7/16" Thick, Fiber Cement Trim Board .....                                                                                                                                | 4.27                            | 1.31                    |
| 07 46 46 00-0018 | LF  |     | 12" Wide, 7/16" Thick, Fiber Cement Trim Board .....                                                                                                                               | 5.52                            | 1.54                    |
| 07 46 46 00-0019 |     |     | <b>3/4" Thick Fiber Cement Trim Boards</b> (07 46 46 00-0013)                                                                                                                      |                                 |                         |
| 07 46 46 00-0020 | LF  |     | 4" Wide, 3/4" Thick, Fiber Cement Trim Board .....                                                                                                                                 | 3.03                            | 1.10                    |
| 07 46 46 00-0021 | LF  |     | 6" Wide, 3/4" Thick, Fiber Cement Trim Board .....                                                                                                                                 | 3.79                            | 1.20                    |
| 07 46 46 00-0022 | LF  |     | 8" Wide, 3/4" Thick, Fiber Cement Trim Board .....                                                                                                                                 | 4.57                            | 1.31                    |
| 07 46 46 00-0023 | LF  |     | 12" Wide, 3/4" Thick, Fiber Cement Trim Board .....                                                                                                                                | 4.86                            | 1.54                    |
| 07 46 46 00-0024 |     |     | <b>1" Thick Fiber Cement Trim Boards</b> (07 46 46 00-0013)                                                                                                                        |                                 |                         |
| 07 46 46 00-0025 | LF  |     | 4" Wide, 1" Thick, Fiber Cement Trim Board .....                                                                                                                                   | 3.18                            | 1.10                    |
| 07 46 46 00-0026 | LF  |     | 6" Wide, 1" Thick, Fiber Cement Trim Board .....                                                                                                                                   | 4.06                            | 1.20                    |
| 07 46 46 00-0027 | LF  |     | 8" Wide, 1" Thick, Fiber Cement Trim Board .....                                                                                                                                   | 4.96                            | 1.31                    |
| 07 46 46 00-0028 | LF  |     | 12" Wide, 1" Thick, Fiber Cement Trim Board .....                                                                                                                                  | 6.52                            | 1.54                    |
| 07 46 46 00-0029 |     |     | <b>Fiber Cement Fascia Board</b> (07 46 46)                                                                                                                                        |                                 |                         |
| 07 46 46 00-0030 | LF  |     | 5/4" x 3-1/2" Fiber Cement Fascia Board.....                                                                                                                                       | 5.64                            | 2.16                    |
| 07 46 46 00-0031 | LF  |     | 5/4" x 5-1/2" Fiber Cement Fascia Board.....                                                                                                                                       | 6.89                            | 2.41                    |
| 07 46 46 00-0032 | LF  |     | 5/4" x 7-1/4" Fiber Cement Fascia Board.....                                                                                                                                       | 7.54                            | 2.41                    |
| 07 46 46 00-0033 | LF  |     | 5/4" x 11-1/4" Fiber Cement Fascia Board.....                                                                                                                                      | 9.80                            | 2.83                    |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Roofing and Siding Panels       |  |  | 07 40 |
| Siding                          |  |  | 07 46 |

| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------|-----|-----|-------------|------------------------|----------------------|
|-------|-----|-----|-------------|------------------------|----------------------|

|                  |    |                                            |                                       |      |      |
|------------------|----|--------------------------------------------|---------------------------------------|------|------|
| 07 46 46 00-0034 |    |                                            | Fiber Cement Soffit Boards (07 46 46) |      |      |
| 07 46 46 00-0035 | SF | 1/4" Thick, Non-Vented Fiber Cement Soffit |                                       | 7.14 | 1.57 |
| 07 46 46 00-0036 | SF | 1/4" Thick, Vented Fiber Cement Soffit     |                                       | 7.66 | 1.57 |

**07 46 63 Fabricated Panel Assemblies with Siding (07 46)**

|                  |    |                                                     |                                                  |       |      |
|------------------|----|-----------------------------------------------------|--------------------------------------------------|-------|------|
| 07 46 63 00-0001 |    |                                                     | Metal Liner Panels (07 46 63)                    |       |      |
| 07 46 63 00-0002 |    |                                                     | Galvanized Metal Liner Panels (07 46 63 00-0001) |       |      |
| 07 46 63 00-0003 | SF | 24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel |                                                  | 10.15 | 1.78 |
| 07 46 63 00-0004 | SF | 22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel |                                                  | 11.21 | 1.78 |
| 07 46 63 00-0005 | SF | 20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel |                                                  | 13.08 | 1.78 |
| 07 46 63 00-0006 | SF | 18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel |                                                  | 13.27 | 1.78 |

**07 50 Membrane Roofing (07)**

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

**07 51 Built-Up Bituminous Roofing (07 50)**

**07 51 13 Built-Up Asphalt Roofing (07 51)**

|                                                                                                                                                                                              |    |                                                                                         |                                                                                             |        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|--|
| 07 51 13 00-0001                                                                                                                                                                             |    |                                                                                         | Built-Up Asphalt Roofing Components (07 51 13)                                              |        |  |
| 07 51 13 00-0002                                                                                                                                                                             |    |                                                                                         | Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)                                        |        |  |
| Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0007 for built-up roofing demolition. |    |                                                                                         |                                                                                             |        |  |
| 07 51 13 00-0003                                                                                                                                                                             |    |                                                                                         | Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)                 |        |  |
| Note: Includes applying cold adhesive and embedding the membrane.                                                                                                                            |    |                                                                                         |                                                                                             |        |  |
| 07 51 13 00-0004                                                                                                                                                                             |    |                                                                                         | Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003) |        |  |
| 07 51 13 00-0005                                                                                                                                                                             | SQ | Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied                     |                                                                                             | 113.75 |  |
|                                                                                                                                                                                              |    | For Up To 10, Add                                                                       |                                                                                             | 29.96  |  |
|                                                                                                                                                                                              |    | For >10 To 20, Add                                                                      |                                                                                             | 16.78  |  |
|                                                                                                                                                                                              |    | For >20 To 40, Add                                                                      |                                                                                             | 9.29   |  |
|                                                                                                                                                                                              |    | For >75 To 100, Deduct                                                                  |                                                                                             | -4.65  |  |
|                                                                                                                                                                                              |    | For >100 To 200, Deduct                                                                 |                                                                                             | -10.20 |  |
|                                                                                                                                                                                              |    | For >200, Deduct                                                                        |                                                                                             | -14.84 |  |
| 07 51 13 00-0006                                                                                                                                                                             | SQ | Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied |                                                                                             | 316.22 |  |
|                                                                                                                                                                                              |    | For Up To 10, Add                                                                       |                                                                                             | 70.46  |  |
|                                                                                                                                                                                              |    | For >10 To 20, Add                                                                      |                                                                                             | 37.03  |  |
|                                                                                                                                                                                              |    | For >20 To 40, Add                                                                      |                                                                                             | 19.42  |  |
|                                                                                                                                                                                              |    | For >75 To 100, Deduct                                                                  |                                                                                             | -9.71  |  |
|                                                                                                                                                                                              |    | For >100 To 200, Deduct                                                                 |                                                                                             | -20.32 |  |
|                                                                                                                                                                                              |    | For >200, Deduct                                                                        |                                                                                             | -30.03 |  |
| 07 51 13 00-0007                                                                                                                                                                             |    |                                                                                         | Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)                 |        |  |
| 07 51 13 00-0008                                                                                                                                                                             | SF | Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied          |                                                                                             | 7.53   |  |
| 07 51 13 00-0009                                                                                                                                                                             |    |                                                                                         | Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)                            |        |  |
| Note: Includes mopping hot asphalt and embedding the membrane.                                                                                                                               |    |                                                                                         |                                                                                             |        |  |
| 07 51 13 00-0010                                                                                                                                                                             |    |                                                                                         | Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)            |        |  |
| 07 51 13 00-0011                                                                                                                                                                             | SQ | Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped                                |                                                                                             | 83.54  |  |
|                                                                                                                                                                                              |    | For Up To 10, Add                                                                       |                                                                                             | 24.05  |  |
|                                                                                                                                                                                              |    | For >10 To 20, Add                                                                      |                                                                                             | 13.86  |  |
|                                                                                                                                                                                              |    | For >20 To 40, Add                                                                      |                                                                                             | 7.85   |  |
|                                                                                                                                                                                              |    | For >75 To 100, Deduct                                                                  |                                                                                             | -3.92  |  |
|                                                                                                                                                                                              |    | For >100 To 200, Deduct                                                                 |                                                                                             | -8.76  |  |
|                                                                                                                                                                                              |    | For >200, Deduct                                                                        |                                                                                             | -12.69 |  |
| 07 51 13 00-0012                                                                                                                                                                             | SQ | Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped                                |                                                                                             | 89.31  |  |
|                                                                                                                                                                                              |    | For Up To 10, Add                                                                       |                                                                                             | 25.20  |  |
|                                                                                                                                                                                              |    | For >10 To 20, Add                                                                      |                                                                                             | 14.43  |  |
|                                                                                                                                                                                              |    | For >20 To 40, Add                                                                      |                                                                                             | 8.13   |  |
|                                                                                                                                                                                              |    | For >75 To 100, Deduct                                                                  |                                                                                             | -4.07  |  |
|                                                                                                                                                                                              |    | For >100 To 200, Deduct                                                                 |                                                                                             | -9.05  |  |
|                                                                                                                                                                                              |    | For >200, Deduct                                                                        |                                                                                             | -13.12 |  |
| 07 51 13 00-0013                                                                                                                                                                             | SQ | Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped                 |                                                                                             | 95.87  |  |
|                                                                                                                                                                                              |    | For Up To 10, Add                                                                       |                                                                                             | 26.51  |  |
|                                                                                                                                                                                              |    | For >10 To 20, Add                                                                      |                                                                                             | 15.09  |  |
|                                                                                                                                                                                              |    | For >20 To 40, Add                                                                      |                                                                                             | 8.46   |  |
|                                                                                                                                                                                              |    | For >75 To 100, Deduct                                                                  |                                                                                             | -4.23  |  |
|                                                                                                                                                                                              |    | For >100 To 200, Deduct                                                                 |                                                                                             | -9.38  |  |
|                                                                                                                                                                                              |    | For >200, Deduct                                                                        |                                                                                             | -13.61 |  |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

| MINOR<br>CSI UOM DESCRIPTION                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 51 13 00-0014 SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....                                   | 168.63                    |                         |
| For Up To 10, Add                                                                                                   | 41.06                     |                         |
| For >10 To 20, Add                                                                                                  | 22.37                     |                         |
| For >20 To 40, Add                                                                                                  | 12.10                     |                         |
| For >75 To 100, Deduct                                                                                              | -6.05                     |                         |
| For >100 To 200, Deduct                                                                                             | -13.02                    |                         |
| For >200, Deduct                                                                                                    | -19.07                    |                         |
| 07 51 13 00-0015 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped .....              | 286.02                    |                         |
| For Up To 10, Add                                                                                                   | 64.54                     |                         |
| For >10 To 20, Add                                                                                                  | 34.11                     |                         |
| For >20 To 40, Add                                                                                                  | 17.97                     |                         |
| For >75 To 100, Deduct                                                                                              | -8.99                     |                         |
| For >100 To 200, Deduct                                                                                             | -18.89                    |                         |
| For >200, Deduct                                                                                                    | -27.87                    |                         |
| 07 51 13 00-0016 SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped .....                         | 216.50                    |                         |
| For Up To 10, Add                                                                                                   | 51.33                     |                         |
| For >10 To 20, Add                                                                                                  | 27.68                     |                         |
| For >20 To 40, Add                                                                                                  | 14.84                     |                         |
| For >75 To 100, Deduct                                                                                              | -7.42                     |                         |
| For >100 To 200, Deduct                                                                                             | -15.85                    |                         |
| For >200, Deduct                                                                                                    | -23.27                    |                         |
| <b>07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)</b>                            |                           |                         |
| 07 51 13 00-0018 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped .....                       | 4.78                      |                         |
| <b>07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)</b>                 |                           |                         |
| Note: Includes fasteners.                                                                                           |                           |                         |
| <b>07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)</b> |                           |                         |
| 07 51 13 00-0021 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....                        | 88.36                     |                         |
| For Up To 10, Add                                                                                                   | 21.27                     |                         |
| For >10 To 20, Add                                                                                                  | 11.54                     |                         |
| For >20 To 40, Add                                                                                                  | 6.22                      |                         |
| For >75 To 100, Deduct                                                                                              | -3.11                     |                         |
| For >100 To 200, Deduct                                                                                             | -6.67                     |                         |
| For >200, Deduct                                                                                                    | -9.78                     |                         |
| 07 51 13 00-0022 SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....                        | 167.67                    |                         |
| For Up To 10, Add                                                                                                   | 37.14                     |                         |
| For >10 To 20, Add                                                                                                  | 19.47                     |                         |
| For >20 To 40, Add                                                                                                  | 10.18                     |                         |
| For >75 To 100, Deduct                                                                                              | -5.09                     |                         |
| For >100 To 200, Deduct                                                                                             | -10.63                    |                         |
| For >200, Deduct                                                                                                    | -15.73                    |                         |
| 07 51 13 00-0023 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....    | 285.06                    |                         |
| For Up To 10, Add                                                                                                   | 60.61                     |                         |
| For >10 To 20, Add                                                                                                  | 31.21                     |                         |
| For >20 To 40, Add                                                                                                  | 16.05                     |                         |
| For >75 To 100, Deduct                                                                                              | -8.03                     |                         |
| For >100 To 200, Deduct                                                                                             | -16.50                    |                         |
| For >200, Deduct                                                                                                    | -24.53                    |                         |
| <b>07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)</b>                 |                           |                         |
| 07 51 13 00-0025 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened .....            | 5.80                      |                         |
| <b>07 51 13 00-0026 Asphalt Saturated Organic Felt (07 51 13 00-0001)</b>                                           |                           |                         |
| <b>07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)</b>                    |                           |                         |
| Note: Includes applying cold adhesive and embedding the felt.                                                       |                           |                         |
| 07 51 13 00-0028 SQ 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied .....                 | 110.13                    |                         |
| For Up To 10, Add                                                                                                   | 29.24                     |                         |
| For >10 To 20, Add                                                                                                  | 16.42                     |                         |
| For >20 To 40, Add                                                                                                  | 9.11                      |                         |
| For >75 To 100, Deduct                                                                                              | -4.56                     |                         |
| For >100 To 200, Deduct                                                                                             | -10.01                    |                         |
| For >200, Deduct                                                                                                    | -14.57                    |                         |
| 07 51 13 00-0029 SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied .....                 | 125.02                    |                         |
| For Up To 10, Add                                                                                                   | 32.22                     |                         |
| For >10 To 20, Add                                                                                                  | 17.91                     |                         |
| For >20 To 40, Add                                                                                                  | 9.86                      |                         |
| For >75 To 100, Deduct                                                                                              | -4.93                     |                         |
| For >100 To 200, Deduct                                                                                             | -10.76                    |                         |
| For >200, Deduct                                                                                                    | -15.69                    |                         |
| <b>07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)</b>                               |                           |                         |
| Note: Includes mopping hot asphalt and embedding the felt.                                                          |                           |                         |



|                                 |  |       |
|---------------------------------|--|-------|
| Thermal And Moisture Protection |  | 07    |
| Membrane Roofing                |  | 07 50 |
| Built-Up Bituminous Roofing     |  | 07 51 |

| MINOR            | CSI | UOM                                                                                                                                         | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 51 13 00-0031 | SQ  | 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped                                                                              | 79.93       |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 23.32       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 13.50       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 7.67        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -3.83       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -8.58       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -12.42      |                        |                      |
| 07 51 13 00-0032 | SQ  | 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped                                                                              | 94.82       |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 26.30       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 14.99       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 8.41        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -4.21       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -9.33       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -13.53      |                        |                      |
| 07 51 13 00-0033 |     | Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)                                                                    |             |                        |                      |
|                  |     | Note: Includes fasteners.                                                                                                                   |             |                        |                      |
| 07 51 13 00-0034 | SQ  | 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened                                                                   | 40.17       |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 11.64       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 6.72        |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 3.81        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -1.90       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -4.26       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -6.16       |                        |                      |
| 07 51 13 00-0035 | SQ  | 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened                                                                   | 55.06       |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 14.61       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 8.21        |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 4.55        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -2.28       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -5.00       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -7.28       |                        |                      |
| 07 51 13 00-0036 |     | Surfacing (07 51 13 00-0001)                                                                                                                |             |                        |                      |
| 07 51 13 00-0037 | SQ  | 400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat                                                                             | 177.04      |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 53.44       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 31.23       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 17.87       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -8.93       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -20.12      |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -29.05      |                        |                      |
| 07 51 13 00-0038 | SQ  | 400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat                                                                           | 264.65      |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 70.96       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 39.99       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 22.25       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -11.12      |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -24.50      |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -35.63      |                        |                      |
| 07 51 13 00-0039 | CY  | Gravel Roofing Ballast, Spread To Desired Thickness                                                                                         | 185.42      |                        |                      |
|                  |     | Note: Excludes hot asphalt or cold adhesive.                                                                                                |             |                        |                      |
| 07 51 13 00-0040 | SQ  | Protective Polypropylene Fabric Mat, Loose Laid                                                                                             | 52.46       |                        |                      |
|                  |     | Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems. |             |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 12.87       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 7.03        |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 3.81        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -1.91       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -4.11       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -6.02       |                        |                      |
| 07 51 13 00-0041 | SQ  | Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat                     | 129.36      |                        |                      |
|                  |     | Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.                               |             |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 30.20       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 16.18       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 8.63        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -4.32       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -9.17       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -13.49      |                        |                      |
| 07 51 13 00-0042 | SQ  | Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat                                               | 114.87      |                        |                      |
|                  |     | Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.                                |             |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 27.30       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 14.73       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 7.91        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -3.95       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -8.45       |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -12.40      |                        |                      |
| 07 51 13 00-0043 | SQ  | Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat                          | 154.41      |                        |                      |
|                  |     | Note: Reflective coating for use over smooth-surfaced built-up roofs.                                                                       |             |                        |                      |
|                  |     | For Up To 10, Add                                                                                                                           | 35.21       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                                                          | 18.69       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                                                          | 9.88        |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                                                                      | -4.94       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                                                                     | -10.43      |                        |                      |
|                  |     | For >200, Deduct                                                                                                                            | -15.37      |                        |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 51 13 00-0044 | SQ  |     | 100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....<br>Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.                                                                                                                                                                         | 155.70                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                                                                                                                                                                                                                                               | 35.47                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                                                                                                                                                                                                                                                                                              | 18.82                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                                                                                                                                                                                                                                                                                              | 9.95                   |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                                                                          | -4.97                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                                                                         | -10.49                 |                      |
|                  |     |     | For >200, Deduct                                                                                                                                                                                                                                                                                                                                                                                | -15.46                 |                      |
|                  |     |     | For Installation Over Granule Surfaced Asphalt Roof Systems, Add                                                                                                                                                                                                                                                                                                                                | 46.40                  |                      |
| 07 51 13 00-0045 | SQ  |     | 100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....<br>Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.                                                                                                                | 161.03                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                                                                                                                                                                                                                                               | 36.53                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                                                                                                                                                                                                                                                                                              | 19.35                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                                                                                                                                                                                                                                                                                              | 10.22                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                                                                          | -5.11                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                                                                         | -10.76                 |                      |
|                  |     |     | For >200, Deduct                                                                                                                                                                                                                                                                                                                                                                                | -15.86                 |                      |
|                  |     |     | For Installation Over Granule Surfaced Asphalt Roof Systems, Add                                                                                                                                                                                                                                                                                                                                | 48.16                  |                      |
| 07 51 13 00-0046 | SF  |     | Ceramic Coated Roofing Granules, Hand Broadcast .....<br>Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.                                                                                                                                                                                                                  | 2.53                   |                      |
| 07 51 13 00-0047 | SF  |     | Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast.....<br>Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.                                                                                                                                                                                           | 4.51                   |                      |
| 07 51 13 00-0048 | SQ  |     | Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....                                                                                                                                                                                                                                                                                                                                   | 40.11                  |                      |
| 07 51 13 00-0049 |     |     | <b>Walkway Pads</b> (07 51 13 00-0001)<br>Note: Set in hot asphalt or cold adhesive.                                                                                                                                                                                                                                                                                                            |                        |                      |
| 07 51 13 00-0050 | LF  |     | 5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad .....                                                                                                                                                                                                                                                                                       | 32.47                  |                      |
| 07 51 13 00-0051 | LF  |     | 1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad .....                                                                                                                                                                                                                                                                                        | 38.71                  |                      |
| 07 51 13 00-0052 |     |     | <b>Cant And Tapered Edge Strips</b> (07 51 13 00-0001)                                                                                                                                                                                                                                                                                                                                          |                        |                      |
| 07 51 13 00-0053 | LF  |     | 2" x 2" Perlite Cant Strip .....                                                                                                                                                                                                                                                                                                                                                                | 4.39                   |                      |
| 07 51 13 00-0054 | LF  |     | 3" x 3" Perlite Cant Strip .....                                                                                                                                                                                                                                                                                                                                                                | 4.54                   |                      |
| 07 51 13 00-0055 | LF  |     | 4" x 4" Perlite Cant Strip .....                                                                                                                                                                                                                                                                                                                                                                | 5.21                   |                      |
| 07 51 13 00-0056 | LF  |     | 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally .....                                                                                                                                                                                                                                                                                                                                  | 4.12                   |                      |
| 07 51 13 00-0057 | LF  |     | 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally .....                                                                                                                                                                                                                                                                                                                                  | 4.23                   |                      |
| 07 51 13 00-0058 | LF  |     | 1/2" x 6" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                      | 4.91                   |                      |
| 07 51 13 00-0059 | LF  |     | 1/2" x 12" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                     | 5.69                   |                      |
| 07 51 13 00-0060 | LF  |     | 1" x 12" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                       | 5.90                   |                      |
| 07 51 13 00-0061 | LF  |     | 1" x 24" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                       | 6.72                   |                      |
| 07 51 13 00-0062 | LF  |     | 1-1/2" x 12" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                   | 6.64                   |                      |
| 07 51 13 00-0063 | LF  |     | 1-1/2" x 18" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                   | 8.11                   |                      |
| 07 51 13 00-0064 | LF  |     | 1-1/2" x 24" Perlite Tapered Edge Strip .....                                                                                                                                                                                                                                                                                                                                                   | 9.18                   |                      |
| 07 51 13 00-0065 |     |     | <b>Asphalt Primer</b> (07 51 13 00-0001)                                                                                                                                                                                                                                                                                                                                                        |                        |                      |
| 07 51 13 00-0066 | SQ  |     | Asphalt Primer For Roofing Systems .....<br>Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.                                                                                                                       | 37.17                  |                      |
| 07 51 13 00-0067 |     |     | <b>Demolish Built-Up Roofing</b> (07 51 13 00-0001)<br>Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).                      |                        |                      |
| 07 51 13 00-0068 | SQ  |     | Demolish Gravel/Slag Surfaced, Built Up Roofing System .....                                                                                                                                                                                                                                                                                                                                    | 378.66                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                                                                                                                                                                                                                                               | 93.92                  |                      |
|                  |     |     | For >10 To 25, Add                                                                                                                                                                                                                                                                                                                                                                              | 56.35                  |                      |
| 07 51 13 00-0069 | SQ  |     | Demolish Cap Sheet Surfaced, Built Up Roofing System .....                                                                                                                                                                                                                                                                                                                                      | 292.11                 |                      |
|                  |     |     | Note: Includes protective surfacing.                                                                                                                                                                                                                                                                                                                                                            |                        |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                                                                                                                                                                                                                                                               | 72.45                  |                      |
|                  |     |     | For >10 To 25, Add                                                                                                                                                                                                                                                                                                                                                                              | 43.47                  |                      |
| 07 51 13 00-0070 |     |     | <b>Roofing System Warranty</b> (07 51 13 00-0001)<br>Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor. |                        |                      |
| 07 51 13 00-0071 | EA  |     | Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                        | 634.62                 |                      |
| 07 51 13 00-0072 | SQ  |     | >50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                             | 9.07                   |                      |
| 07 51 13 00-0073 | EA  |     | Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                        | 725.28                 |                      |
| 07 51 13 00-0074 | SQ  |     | >50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                             | 14.51                  |                      |
| 07 51 13 00-0075 | EA  |     | Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                        | 997.26                 |                      |
| 07 51 13 00-0076 | SQ  |     | >50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....                                                                                                                                                                                                                                                                                             | 19.95                  |                      |





| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Membrane Roofing                |  |  | 07 50 |
| Built-Up Bituminous Roofing     |  |  | 07 51 |

07

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 51 13 00-0077             | <b>Built-Up Roofing Components (Tremco)</b> (07 51 13)<br>Note: All tasks presented as a single layer. Adhesives are priced separately.                                                                                                                              |                           |                         |
| 07 51 13 00-0078             | <b>Cold Applied BUR Base Plies And Ply Sheets</b> (07 51 13 00-0077)                                                                                                                                                                                                 |                           |                         |
| 07 51 13 00-0079             | SQ BURmastic Composite Ply, Cold Applied BUR Component .....<br>Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.                                                    | 144.83                    |                         |
| 07 51 13 00-0080             | SQ BURmastic Premium Composite Ply, Cold Applied BUR Component .....<br>Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.                               | 175.86                    |                         |
| 07 51 13 00-0081             | SQ BURmastic Supreme Composite Ply, Cold Applied BUR Component .....<br>Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.                               | 202.51                    |                         |
| 07 51 13 00-0082             | SQ 28 LB BURmastic Glass Ply, Cold Applied BUR Component .....<br>Note: Asphalt coated fiberglass base or ply sheet. Type II.                                                                                                                                        | 45.89                     |                         |
| 07 51 13 00-0083             | SQ 33 LB BURmastic Glass Ply, Cold Applied BUR Component .....<br>Note: Asphalt coated fiberglass base or ply sheet. Type II.                                                                                                                                        | 66.69                     |                         |
| 07 51 13 00-0084             | SQ POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component .....<br>Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.                                                                     | 278.02                    |                         |
| 07 51 13 00-0085             | SQ POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component .....<br>Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.                                                              | 257.16                    |                         |
| 07 51 13 00-0086             | <b>Hot Or Cold Applied Modified Bitumen Cap Membrane</b> (07 51 13 00-0077)                                                                                                                                                                                          |                           |                         |
| 07 51 13 00-0087             | SQ POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.                                                        | 156.68                    |                         |
| 07 51 13 00-0088             | SQ POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.                                       | 416.32                    |                         |
| 07 51 13 00-0089             | SQ POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.                                       | 689.17                    |                         |
| 07 51 13 00-0090             | SQ POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.                                                                    | 182.81                    |                         |
| 07 51 13 00-0091             | SQ POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.                                                                     | 281.14                    |                         |
| 07 51 13 00-0092             | SQ POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.                            | 683.40                    |                         |
| 07 51 13 00-0093             | SQ POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component .....<br>Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils. | 496.89                    |                         |
| 07 51 13 00-0094             | SQ POWERply HE FR Cap Sheet, Hot Applied BUR Component .....<br>Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.                                                                                       | 493.69                    |                         |
| 07 51 13 00-0095             | <b>Self Adhesive Base Plies And Ply Sheets</b> (07 51 13 00-0077)                                                                                                                                                                                                    |                           |                         |
| 07 51 13 00-0096             | SQ POWERply SA Base Sheet, Self Adhesive Roofing .....<br>Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.                                                           | 286.50                    |                         |
| 07 51 13 00-0097             | SQ POWERply SA FR Membrane, Self Adhesive Roofing .....<br>Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.                                           | 566.61                    |                         |
| 07 51 13 00-0098             | <b>Flashings</b> (07 51 13 00-0077)                                                                                                                                                                                                                                  |                           |                         |
| 07 51 13 00-0099             | LF 11-1/2" Hypalon Elastomeric Flashing .....<br>Note: 45 mils.                                                                                                                                                                                                      | 17.32                     |                         |
| 07 51 13 00-0100             | LF 19" Hypalon Elastomeric Flashing .....<br>Note: 45 mils.                                                                                                                                                                                                          | 28.01                     |                         |
| 07 51 13 00-0101             | LF 25" Hypalon Elastomeric Flashing .....<br>Note: 45 mils.                                                                                                                                                                                                          | 37.19                     |                         |
| 07 51 13 00-0102             | LF 38" Hypalon Elastomeric Flashing .....<br>Note: 45 mils.                                                                                                                                                                                                          | 54.62                     |                         |
| 07 51 13 00-0103             | LF 60-1/2" Hypalon Elastomeric Flashing .....<br>Note: 45 mils.                                                                                                                                                                                                      | 89.83                     |                         |
| 07 51 13 00-0104             | LF 12" TRA Elastomeric Flashing Membrane .....<br>Note: Polyester reinforced flashing membrane. 45 mils.                                                                                                                                                             | 13.63                     |                         |
| 07 51 13 00-0105             | LF 18" TRA Elastomeric Flashing Membrane .....<br>Note: Polyester reinforced flashing membrane. 45 mils.                                                                                                                                                             | 22.10                     |                         |
| 07 51 13 00-0106             | LF 24" TRA Elastomeric Flashing Membrane .....<br>Note: Polyester reinforced flashing membrane. 45 mils.                                                                                                                                                             | 29.44                     |                         |
| 07 51 13 00-0107             | LF 36" TRA Elastomeric Flashing Membrane .....<br>Note: Polyester reinforced flashing membrane. 45 mils.                                                                                                                                                             | 43.09                     |                         |
| 07 51 13 00-0108             | LF 60" TRA Elastomeric Flashing Membrane .....<br>Note: Polyester reinforced flashing membrane. 45 mils.                                                                                                                                                             | 72.48                     |                         |
| 07 51 13 00-0109             | LF 4" BURmesh Fabric .....<br>Note: Glass membrane for reinforcement or repair of roof membranes and flashings.                                                                                                                                                      | 3.70                      |                         |
| 07 51 13 00-0110             | LF 6" BURmesh Fabric .....<br>Note: Glass membrane for reinforcement or repair of roof membranes and flashings.                                                                                                                                                      | 3.88                      |                         |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

| MINOR<br>CSI            | UOM | DESCRIPTION                                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 51 13 00-0111        | LF  | 12" BURmesh Fabric .....<br>Note: Glass membrane for reinforcement or repair of roof membranes and flashings.                                                                                                | 5.47                      |                         |
| 07 51 13 00-0112        | LF  | 36" BURmesh Fabric .....<br>Note: Glass membrane for reinforcement or repair of roof membranes and flashings.                                                                                                | 14.19                     |                         |
| <b>07 51 13 00-0113</b> |     | <b>Cold Applied Adhesives (07 51 13 00-0077)</b>                                                                                                                                                             |                           |                         |
| 07 51 13 00-0114        | SQ  | BURmastic Inter-Ply Cold Applied Adhesive.....                                                                                                                                                               | 176.43                    |                         |
| 07 51 13 00-0115        | SQ  | BURmastic Flood Coat Cold Applied Adhesive.....                                                                                                                                                              | 291.08                    |                         |
| 07 51 13 00-0116        | SQ  | BURmastic SF Inter-Ply Cold Applied Adhesive.....                                                                                                                                                            | 225.18                    |                         |
| 07 51 13 00-0117        | SQ  | BURmastic LV Inter-Ply Cold Applied Adhesive.....                                                                                                                                                            | 176.43                    |                         |
| 07 51 13 00-0118        | SQ  | POWERply Standard Inter-Ply Cold Applied Adhesive.....                                                                                                                                                       | 88.57                     |                         |
| 07 51 13 00-0119        | SQ  | POWERply Standard Flood Coat Cold Applied Adhesive.....                                                                                                                                                      | 198.07                    |                         |
| 07 51 13 00-0120        | SQ  | POWERply White On White Cold Applied Adhesive.....                                                                                                                                                           | 195.42                    |                         |
| 07 51 13 00-0121        | SQ  | Rock-It Cold Applied Adhesive For Gravel Applications.....                                                                                                                                                   | 549.64                    |                         |
| 07 51 13 00-0122        | SQ  | FAS-n-FREE Cold Applied Adhesive (Beads 12" OC).....<br>Note: For insulation only.                                                                                                                           | 304.13                    |                         |
| 07 51 13 00-0123        | SQ  | ECOLastic Cold Applied Adhesive.....                                                                                                                                                                         | 340.54                    |                         |
| <b>07 51 13 00-0124</b> |     | <b>Hot Applied Adhesives (07 51 13 00-0077)</b>                                                                                                                                                              |                           |                         |
| 07 51 13 00-0125        | SQ  | Premium III Asphalt Inter-Ply Hot Applied Adhesive.....                                                                                                                                                      | 62.29                     |                         |
| 07 51 13 00-0126        | SQ  | Premium III Asphalt Flood Coat Hot Applied Adhesive.....                                                                                                                                                     | 116.59                    |                         |
| <b>07 51 13 00-0127</b> |     | <b>Flashings Adhesives (07 51 13 00-0077)</b>                                                                                                                                                                |                           |                         |
| 07 51 13 00-0128        | LF  | Sheeting Bond Flashing Adhesive.....<br>Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.                                                                                      | 20.66                     |                         |
| 07 51 13 00-0129        | LF  | Polyroof SF Flashing Mastic.....<br>Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.                                             | 27.64                     |                         |
| 07 51 13 00-0130        | LF  | ELS Flashing Mastic.....<br>Note: Used for repairing flashings and asphalt built-up roof defects.                                                                                                            | 16.47                     |                         |
| 07 51 13 00-0131        | LF  | TremSEAL D General Purpose Sealant.....                                                                                                                                                                      | 6.24                      |                         |
| 07 51 13 00-0132        | LF  | TremSEAL HP High Performance Sealant.....                                                                                                                                                                    | 6.42                      |                         |
| 07 51 13 00-0133        | LF  | TremSEAL S Silicone Sealant.....                                                                                                                                                                             | 6.28                      |                         |
| <b>07 51 13 00-0134</b> |     | <b>Surfacing (07 51 13 00-0077)</b>                                                                                                                                                                          |                           |                         |
| 07 51 13 00-0135        | SQ  | TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating.....                                                                                                                                     | 263.83                    |                         |
| 07 51 13 00-0136        | SQ  | ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating.....                                                                                                                                         | 589.14                    |                         |
| 07 51 13 00-0137        | SQ  | Polar Coat.....                                                                                                                                                                                              | 149.69                    |                         |
| 07 51 13 00-0138        | SQ  | Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating.....                                                                                                                                          | 184.15                    |                         |
| 07 51 13 00-0139        | SQ  | Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls.....                                                                                                                                           | 539.30                    |                         |
| 07 51 13 00-0140        | SQ  | Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls.....                                                                                                                                 | 242.14                    |                         |
| 07 51 13 00-0141        | SQ  | 100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....                                                                                                                                                   | 69.66                     |                         |
| <b>07 51 13 00-0142</b> |     | <b>Walkway Protection Pads (07 51 13 00-0077)</b>                                                                                                                                                            |                           |                         |
| 07 51 13 00-0143        | LF  | 36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®).....                                                                                                                    | 33.42                     |                         |
| <b>07 51 13 00-0144</b> |     | <b>Primer (07 51 13 00-0077)</b>                                                                                                                                                                             |                           |                         |
| 07 51 13 00-0145        | SQ  | TREPrime WB Primer.....<br>Note: Water based polymer modified asphalt primer.                                                                                                                                | 37.37                     |                         |
| 07 51 13 00-0146        | SQ  | Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating.....                                                                                                                                 | 86.02                     |                         |
| <b>07 51 13 00-0147</b> |     | <b>Liquid Applied Roofing (07 51 13 00-0077)</b>                                                                                                                                                             |                           |                         |
| 07 51 13 00-0148        | SQ  | Trem-LAR LRM H Waterproofing (Horizontal).....<br>Note: One part liquid applied elastomeric roofing membrane. 60 mils.                                                                                       | 447.88                    |                         |
| 07 51 13 00-0149        | SQ  | Trem-LAR LRM V Waterproofing (Vertical).....<br>Note: One part liquid applied elastomeric roofing membrane. 60 mils.                                                                                         | 455.66                    |                         |
| 07 51 13 00-0150        | SQ  | AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces.....<br>Note: Two part liquid applied polyurethane roof coating. 48 mils. | 587.33                    |                         |
| 07 51 13 00-0151        | SQ  | AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces.....<br>Note: Two part liquid applied polyurethane roof coating. 64 mils.                            | 765.32                    |                         |
| 07 51 13 00-0152        | SQ  | AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating.....<br>Note: Two part liquid applied polyurethane roof coating. 32 mils.                                                     | 444.62                    |                         |
| 07 51 13 00-0153        | SQ  | AlphaGuard Glass Mat.....<br>Note: Reinforcement mat for AlphaGuard systems.                                                                                                                                 | 85.36                     |                         |
| 07 51 13 00-0154        | SQ  | AlphaGuard C-Prime Primer.....<br>Note: 100% solids epoxy primer for concrete surfaces.                                                                                                                      | 85.62                     |                         |
| 07 51 13 00-0155        | SQ  | AlphaGuard M-Prime Primer.....<br>Note: Water based primer for metal and plastic surfaces.                                                                                                                   | 92.15                     |                         |
| 07 51 13 00-0156        | SQ  | Geogard Primer.....<br>Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.                                                                                                          | 67.47                     |                         |
| 07 51 13 00-0157        | SQ  | AlphaGuard Primer WB.....<br>Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.                                      | 60.52                     |                         |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Membrane Roofing                |  |  | 07 50 |
| Built-Up Bituminous Roofing     |  |  | 07 51 |

07

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 51 13 00-0158 Atactic-Polypropylene (APP) Products (07 51 13 00-0077)                                                                                                                                                     |                           |                         |
| 07 51 13 00-0159 SQ POWERply Atactic-Polypropylene (APP) Base Sheet .....                                                                                                                                                    | 230.89                    |                         |
| 07 51 13 00-0160 SQ POWERply Atactic-Polypropylene (APP) FR .....                                                                                                                                                            | 437.61                    |                         |
| 07 51 13 00-0161 SQ POWERply Atactic-Polypropylene (APP) Smooth .....                                                                                                                                                        | 350.66                    |                         |
| 07 51 13 00-0162 Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0077)                                                                                                                                                   |                           |                         |
| 07 51 13 00-0163 SQ 45 Mil Tri-Polymer Alloy (TPA) White Membrane .....                                                                                                                                                      | 612.31                    |                         |
| 07 51 13 00-0164 SQ 60 Mil Tri-Polymer Alloy (TPA) White Membrane .....                                                                                                                                                      | 843.18                    |                         |
| 07 51 13 00-0165 SQ 80 Mil Tri-Polymer Alloy (TPA) White Membrane .....                                                                                                                                                      | 959.53                    |                         |
| 07 51 13 00-0166 Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0077)                                                                                                                           |                           |                         |
| 07 51 13 00-0167 SQ 45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane .....                                                                                                                              | 705.89                    |                         |
| 07 51 13 00-0168 SQ 60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane .....                                                                                                                              | 868.00                    |                         |
| 07 51 13 00-0169 SQ 80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane .....                                                                                                                              | 1,063.86                  |                         |
| 07 51 13 00-0170 Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0077)                                                                                                                                             |                           |                         |
| 07 51 13 00-0171 EA >1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco) .....                                                                                                             | 126.02                    |                         |
| 07 51 13 00-0172 EA >4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco) .....                                                                                                             | 143.15                    |                         |
| 07 51 13 00-0173 LF 36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco) .....                                                                                                                    | 19.76                     |                         |
| 07 51 13 00-0174 SQ Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco) .....                                                                                                                       | 67.42                     |                         |
| 07 51 13 00-0175 Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0077)                                                                                                                                  |                           |                         |
| 07 51 13 00-0176 SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane .....                                                                                                                                     | 325.68                    |                         |
| 07 51 13 00-0177 SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane .....                                                                                                                                     | 330.72                    |                         |
| 07 51 13 00-0178 SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane .....                                                                                                                                     | 593.51                    |                         |
| 07 51 13 00-0179 Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0077)                                                                                                                    |                           |                         |
| 07 51 13 00-0180 SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane .....                                                                                                                       | 380.46                    |                         |
| 07 51 13 00-0181 SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane .....                                                                                                                       | 430.15                    |                         |
| 07 51 13 00-0182 SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane .....                                                                                                                       | 629.12                    |                         |
| 07 51 13 00-0183 Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) (07 51 13 00-0077)                                                                                                                    |                           |                         |
| 07 51 13 00-0184 SQ 45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) .....                                                                                                                       | 1,034.92                  |                         |
| 07 51 13 00-0185 Single Ply Adhesives (07 51 13 00-0077)                                                                                                                                                                     |                           |                         |
| 07 51 13 00-0186 SQ Low VOC, TPA Bonding Adhesive (Tremco) .....                                                                                                                                                             | 165.63                    |                         |
| 07 51 13 00-0187 SQ Water Based, TPA Bonding Adhesive (Tremco) .....                                                                                                                                                         | 187.42                    |                         |
| 07 51 13 00-0188 SQ Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco) .....                                                                                                                                    | 162.47                    |                         |
| 07 51 13 00-0189 SQ Low VOC, TPO Bonding Adhesive (Tremco) .....                                                                                                                                                             | 107.54                    |                         |
| 07 51 13 00-0190 Warranty (Tremco) (07 51 13 00-0077)                                                                                                                                                                        |                           |                         |
| 07 51 13 00-0191 EA Up To 10,000 SF 15 Year Roofing System Warranty .....                                                                                                                                                    | 1,500.00                  |                         |
| 07 51 13 00-0192 SF >10,000 SF 15 Year Roofing System Warranty .....                                                                                                                                                         | 0.15                      |                         |
| 07 51 13 00-0193 EA Up To 10,000 SF 20 Year Roofing System Warranty .....                                                                                                                                                    | 2,000.00                  |                         |
| 07 51 13 00-0194 SF >10,000 SF 20 Year Roofing System Warranty .....                                                                                                                                                         | 0.20                      |                         |
| 07 51 13 00-0195 Built-Up Roofing Components (Garland) (07 51 13)                                                                                                                                                            |                           |                         |
| Note: All tasks presented as a single layer. Adhesives are priced separately.                                                                                                                                                |                           |                         |
| 07 51 13 00-0196 Modified Cap Membranes (07 51 13 00-0195)                                                                                                                                                                   |                           |                         |
| See CSI section 07 51 13 00-0220 for base membrane.                                                                                                                                                                          |                           |                         |
| 07 51 13 00-0197 Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0196)                                                                                                                                                 |                           |                         |
| Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.                                                                                                             |                           |                         |
| 07 51 13 00-0198 SQ Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil .....                                                          | 724.37                    |                         |
| 07 51 13 00-0199 SQ Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil .....                                                                 | 518.04                    |                         |
| 07 51 13 00-0200 SQ Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil .....                                | 641.55                    |                         |
| 07 51 13 00-0201 SQ Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials .....                                    | 666.68                    |                         |
| 07 51 13 00-0202 SQ Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil .....               | 928.47                    |                         |
| 07 51 13 00-0203 SQ Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil ..... | 1,043.83                  |                         |
| 07 51 13 00-0204 SQ Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil .....                                                                                              | 438.17                    |                         |
| Note: Low strength cap sheet for hot or cold modified systems used with gravel.                                                                                                                                              |                           |                         |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 51 13 00-0205 | SQ  | Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil.....                                                                                                                     | 552.81                    |                         |
| 07 51 13 00-0206 | SQ  | BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil.....                                                                                                                          | 337.82                    |                         |
| 07 51 13 00-0207 |     | <b>Modified Cap Membranes, Self-Adhering</b> (07 51 13 00-0196)<br>Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.                                                          |                           |                         |
| 07 51 13 00-0208 | SQ  | Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil.....<br>Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.              | 655.59                    |                         |
| 07 51 13 00-0209 |     | <b>Modified Cap Membranes, Torch-Applied</b> (07 51 13 00-0196)<br>Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.                                                          |                           |                         |
| 07 51 13 00-0210 | SQ  | Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....<br>Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel. | 807.20                    |                         |
| 07 51 13 00-0211 | SQ  | Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil.....                                                                                                      | 878.20                    |                         |
| 07 51 13 00-0212 | SQ  | Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil.....                                                                         | 925.52                    |                         |
| 07 51 13 00-0213 | SQ  | StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....                                                                                                                 | 845.65                    |                         |
| 07 51 13 00-0214 | SQ  | StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil.....                                                                                                 | 895.94                    |                         |
| 07 51 13 00-0215 | SQ  | StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil.....                                                                                   | 940.31                    |                         |
| 07 51 13 00-0216 |     | <b>Modified Cap Membranes, Coal Tar Pitch Systems</b> (07 51 13 00-0196)<br>Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.                                                 |                           |                         |
| 07 51 13 00-0217 | SQ  | Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil.....                                                                                                              | 744.32                    |                         |
| 07 51 13 00-0218 | SQ  | Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil.....                                                                                     | 1,176.94                  |                         |
| 07 51 13 00-0219 | SQ  | Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil.....                                                                                                              | 958.06                    |                         |
| 07 51 13 00-0220 |     | <b>Base Ply</b> (07 51 13 00-0196)<br>Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0196 for cap membrane.                                  |                           |                         |
| 07 51 13 00-0221 | SQ  | Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....                                                                                                      | 662.25                    |                         |
| 07 51 13 00-0222 | SQ  | Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....                                                                                                         | 415.99                    |                         |
| 07 51 13 00-0223 | SQ  | HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil.....<br>Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.                                                           | 95.05                     |                         |
| 07 51 13 00-0224 | SQ  | HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil.....<br>Note: Inner ply felts for hot applied built up and modified BUR systems.                                                                                | 62.81                     |                         |
| 07 51 13 00-0225 | SQ  | HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....                                                                                                                          | 76.55                     |                         |
| 07 51 13 00-0226 | SQ  | HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....                                                                                                                                            | 83.21                     |                         |
| 07 51 13 00-0227 | SQ  | HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil.....<br>Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.       | 129.80                    |                         |
| 07 51 13 00-0228 | SQ  | Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....                                                                                                                                     | 421.91                    |                         |
| 07 51 13 00-0229 | SQ  | HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil.....<br>Note: Self adhering base ply for self adhering 2 ply system.                   | 363.50                    |                         |
| 07 51 13 00-0230 | SQ  | SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil.....                                                                                                          | 339.26                    |                         |
| 07 51 13 00-0231 | SQ  | StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....                                                                                        | 369.40                    |                         |
| 07 51 13 00-0232 | SQ  | StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....                                                                                  | 306.55                    |                         |
| 07 51 13 00-0233 | LF  | Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....                                                                                                                                                  | 5.31                      |                         |
| 07 51 13 00-0234 | LF  | Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....                                                                                                                         | 14.90                     |                         |
| 07 51 13 00-0235 | SQ  | Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....                                                                                                                | 73.23                     |                         |
| 07 51 13 00-0236 | LF  | Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....                                                                                                            | 6.93                      |                         |
| 07 51 13 00-0237 | LF  | Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....                                                                                                             | 5.01                      |                         |
| 07 51 13 00-0238 | LF  | Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....                                                                                                             | 5.88                      |                         |
| 07 51 13 00-0239 | SQ  | HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....                                                                                                                                                                | 160.43                    |                         |
| 07 51 13 00-0240 |     | <b>Coatings And Mastics For Roof Installation, Restoration And Repairs</b> (07 51 13 00-0196)                                                                                                                                                |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 51 13 00-0241 | SQ  |     | Water Based Roof Primer, GarlaPrime VOC Primer.....                                                                                                                   | 45.91                  |                      |
| 07 51 13 00-0242 | SQ  |     | Black-Knight® Primer .....                                                                                                                                            | 42.43                  |                      |
| 07 51 13 00-0243 | SQ  |     | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply .....                                                                                            | 176.43                 |                      |
| 07 51 13 00-0244 | SQ  |     | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ) .....                                                                             | 186.44                 |                      |
| 07 51 13 00-0245 | SQ  |     | Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ) .....                                                                            | 296.96                 |                      |
| 07 51 13 00-0246 | SQ  |     | Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....                                                                        | 479.43                 |                      |
| 07 51 13 00-0247 | SQ  |     | Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....                                                                      | 492.76                 |                      |
| 07 51 13 00-0248 | SQ  |     | Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) ..... | 230.01                 |                      |
| 07 51 13 00-0249 | SQ  |     | Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration .....         | 380.39                 |                      |
| 07 51 13 00-0250 | SQ  |     | Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) .....                       | 588.41                 |                      |
| 07 51 13 00-0251 | SQ  |     | Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....                                | 977.91                 |                      |
| 07 51 13 00-0252 | SQ  |     | Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproof, Interply .....                                        | 409.12                 |                      |
| 07 51 13 00-0253 | SQ  |     | Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproof, Flood Coat .....                                      | 422.45                 |                      |
| 07 51 13 00-0254 | SQ  |     | Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only .....                    | 898.68                 |                      |
| 07 51 13 00-0255 | SQ  |     | Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only .....                    | 388.44                 |                      |
| 07 51 13 00-0256 | SQ  |     | HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply .....                                                             | 189.30                 |                      |
| 07 51 13 00-0257 | SQ  |     | HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat .....                                                           | 202.63                 |                      |
| 07 51 13 00-0258 | SQ  |     | Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel .....                                                                | 175.80                 |                      |
| 07 51 13 00-0259 | SQ  |     | Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers .....                                                                   | 164.05                 |                      |
| 07 51 13 00-0260 | SQ  |     | Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products .....                                                    | 20.32                  |                      |
|                  |     |     | Note: Adheres all insulation layers for cold systems.                                                                                                                 |                        |                      |
| 07 51 13 00-0261 | SQ  |     | Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required .....                                                   | 200.27                 |                      |
| 07 51 13 00-0262 | SQ  |     | Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System .....                                                                    | 194.12                 |                      |
| 07 51 13 00-0263 | LF  |     | Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh .....                                                                                  | 24.33                  |                      |
| 07 51 13 00-0264 | SQ  |     | Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....                                                                                    | 259.45                 |                      |
| 07 51 13 00-0265 | SQ  |     | Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....                                                           | 1,481.04               |                      |
| 07 51 13 00-0266 | SQ  |     | Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ) .....                                             | 330.01                 |                      |
| 07 51 13 00-0267 | SQ  |     | Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel .....                                                                      | 403.06                 |                      |
| 07 51 13 00-0268 | SQ  |     | Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply .....                                                            | 149.57                 |                      |
| 07 51 13 00-0269 | SQ  |     | Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System .....                                                 | 488.41                 |                      |
| 07 51 13 00-0270 | SQ  |     | Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....                                       | 148.44                 |                      |
|                  |     |     | Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.                                                                               |                        |                      |

## 07 52 Modified Bituminous Membrane Roofing (07 50)

### 07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

### 07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

#### 07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

#### 07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

|                  |    |                                                                                                     |        |  |
|------------------|----|-----------------------------------------------------------------------------------------------------|--------|--|
| 07 52 13 11-0003 | SQ | 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied.....         | 210.80 |  |
|                  |    | For Up To 10, Add .....                                                                             | 49.37  |  |
|                  |    | For >10 To 20, Add .....                                                                            | 26.49  |  |
|                  |    | For >20 To 40, Add .....                                                                            | 14.15  |  |
|                  |    | For >75 To 100, Deduct .....                                                                        | -7.07  |  |
|                  |    | For >100 To 200, Deduct .....                                                                       | -15.05 |  |
|                  |    | For >200, Deduct .....                                                                              | -22.12 |  |
| 07 52 13 11-0004 | SQ | 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied ..... | 257.03 |  |
|                  |    | For Up To 10, Add .....                                                                             | 58.62  |  |
|                  |    | For >10 To 20, Add .....                                                                            | 31.11  |  |
|                  |    | For >20 To 40, Add .....                                                                            | 16.46  |  |
|                  |    | For >75 To 100, Deduct .....                                                                        | -8.23  |  |
|                  |    | For >100 To 200, Deduct .....                                                                       | -17.36 |  |
|                  |    | For >200, Deduct .....                                                                              | -25.59 |  |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 52 13 11-0005 | SQ  |     | 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied .....                               | 404.64                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 88.14                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 45.87                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 23.84                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -11.92                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -24.74                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -36.66                    |                         |
| 07 52 13 11-0006 | SQ  |     | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....              | 408.07                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 89.57                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 46.73                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 24.35                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -12.18                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -25.34                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -37.52                    |                         |
| 07 52 13 11-0007 | SQ  |     | 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....             | 291.49                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 66.20                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 35.07                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 18.52                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -9.26                     |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -19.51                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -28.77                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                        | 105.13                    |                         |
| 07 52 13 11-0008 | SQ  |     | 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied ..... | 338.25                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 75.55                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 39.75                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 20.86                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -10.43                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -21.85                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -32.28                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                        | 105.13                    |                         |
| 07 52 13 11-0009 | SQ  |     | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied ..... | 465.65                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 101.03                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 52.49                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 27.23                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -13.62                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -28.22                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -41.83                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                        | 105.13                    |                         |
| 07 52 13 11-0010 |     |     | <b>Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing</b> (07 52 13 11-0001)             |                           |                         |
| 07 52 13 11-0011 | SF  |     | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied .....               | 5.88                      |                         |
| 07 52 13 11-0012 | SF  |     | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied .....  | 8.99                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                        | 1.05                      |                         |
| 07 52 13 13      |     |     | <b>Torch-Applied Atactic-Polypropylene Modified Bituminous Membrane Roofing</b> (07 52 13)                                 |                           |                         |
| 07 52 13 13-0001 |     |     | <b>Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing</b> (07 52 13 13)                        |                           |                         |
|                  |     |     | Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.                     |                           |                         |
| 07 52 13 13-0002 |     |     | <b>Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets</b> (07 52 13 13-0001)     |                           |                         |
| 07 52 13 13-0003 | SQ  |     | 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied .....                                       | 151.57                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 37.52                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 20.56                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 11.18                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -5.59                     |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -12.08                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -17.67                    |                         |
| 07 52 13 13-0004 | SQ  |     | 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied .....                                | 197.80                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 46.76                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 25.18                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 13.49                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -6.75                     |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -14.39                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -21.14                    |                         |
| 07 52 13 13-0005 | SQ  |     | 150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....                                       | 237.59                    |                         |
|                  |     |     | For Up To 10, Add                                                                                                          | 58.34                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                                         | 31.87                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                                         | 17.29                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                                     | -8.64                     |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                                    | -18.64                    |                         |
|                  |     |     | For >200, Deduct                                                                                                           | -27.29                    |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 52 13 13-0006 | SQ  |     | 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....                               | 249.42                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 60.70                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 33.06                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 17.88                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -8.94                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -19.23                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -28.17                 |                      |
| 07 52 13 13-0007 | SQ  |     | 180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....                               | 345.46                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 79.91                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 42.66                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 22.68                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -11.34                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -24.04                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -35.38                 |                      |
| 07 52 13 13-0008 | SQ  |     | 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied .....              | 237.59                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 58.34                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 31.87                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 17.29                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -8.64                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -18.64                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -27.29                 |                      |
| 07 52 13 13-0009 | SQ  |     | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied .....              | 252.38                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 61.30                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 33.35                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 18.03                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -9.01                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -19.38                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -28.40                 |                      |
| 07 52 13 13-0010 | SQ  |     | 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied .....              | 345.46                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 79.91                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 42.66                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 22.68                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -11.34                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -24.04                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -35.38                 |                      |
| 07 52 13 13-0011 | SQ  |     | 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied .....             | 246.91                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 60.20                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 32.81                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 17.76                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -8.88                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -19.11                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -27.99                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13                 |                      |
| 07 52 13 13-0012 | SQ  |     | 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied .....             | 261.26                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 63.07                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 34.24                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 18.47                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -9.24                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -19.83                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -29.06                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13                 |                      |
| 07 52 13 13-0013 | SQ  |     | 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied ..... | 296.48                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 70.12                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 37.76                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 20.23                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -10.12                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -21.59                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -31.70                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13                 |                      |
| 07 52 13 13-0014 | SQ  |     | 170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied ..... | 300.77                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 70.97                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 38.19                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 20.45                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -10.22                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -21.80                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -32.03                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13                 |                      |
| 07 52 13 13-0015 | SQ  |     | 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied ..... | 421.07                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                  | 95.03                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                 | 50.22                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                 | 26.46                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                             | -13.23                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                            | -27.82                 |                      |
|                  |     |     | For >200, Deduct                                                                                                   | -41.05                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13                 |                      |
| 07 52 13 13-0016 |     |     | Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 13-0001)                    |                        |                      |
| 07 52 13 13-0017 | SF  |     | 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied .....               | 3.45                   |                      |
| 07 52 13 13-0018 | SF  |     | 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied .....               | 3.60                   |                      |
| 07 52 13 13-0019 | SF  |     | 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied .....               | 4.53                   |                      |
| 07 52 13 13-0020 | SF  |     | 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied .....              | 3.69                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05                   |                      |
| 07 52 13 13-0021 | SF  |     | 170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied .....  | 4.09                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05                   |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 52 13 13-0022 SF 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied ..... 5.29  
For Factory Applied White Reflective Surfacing, Add 1.05

**07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing** (07 52 13)

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)

07 52 13 14-0003 SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened ..... 225.87  
For Up To 10, Add 48.78  
For >10 To 20, Add 25.29  
For >20 To 40, Add 13.09  
For >75 To 100, Deduct -6.55  
For >100 To 200, Deduct -13.54  
For >200, Deduct -20.09

**07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

**07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** (07 52 16)

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)

07 52 16 11-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied ..... 165.54  
For Up To 10, Add 40.32  
For >10 To 20, Add 21.96  
For >20 To 40, Add 11.88  
For >75 To 100, Deduct -5.94  
For >100 To 200, Deduct -12.78  
For >200, Deduct -18.73

07 52 16 11-0004 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied ..... 216.87  
For Up To 10, Add 50.59  
For >10 To 20, Add 27.10  
For >20 To 40, Add 14.45  
For >75 To 100, Deduct -7.22  
For >100 To 200, Deduct -15.35  
For >200, Deduct -22.58

07 52 16 11-0005 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied ..... 223.49  
For Up To 10, Add 51.91  
For >10 To 20, Add 27.76  
For >20 To 40, Add 14.78  
For >75 To 100, Deduct -7.39  
For >100 To 200, Deduct -15.68  
For >200, Deduct -23.07

07 52 16 11-0006 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied ..... 305.37  
For Up To 10, Add 68.29  
For >10 To 20, Add 35.95  
For >20 To 40, Add 18.87  
For >75 To 100, Deduct -9.44  
For >100 To 200, Deduct -19.78  
For >200, Deduct -29.21

07 52 16 11-0007 SQ 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied ..... 388.23  
For Up To 10, Add 84.86  
For >10 To 20, Add 44.23  
For >20 To 40, Add 23.02  
For >75 To 100, Deduct -11.51  
For >100 To 200, Deduct -23.92  
For >200, Deduct -35.43

07 52 16 11-0008 SQ 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied ..... 322.97  
For Up To 10, Add 72.49  
For >10 To 20, Add 38.22  
For >20 To 40, Add 20.10  
For >75 To 100, Deduct -10.05  
For >100 To 200, Deduct -21.08  
For >200, Deduct -31.13





|                                      |  |  |       |
|--------------------------------------|--|--|-------|
| Thermal And Moisture Protection      |  |  | 07    |
| Membrane Roofing                     |  |  | 07 50 |
| Modified Bituminous Membrane Roofing |  |  | 07 52 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 52 16 11-0009 | SQ  |     | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                           |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 331.88                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 74.27                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 39.11                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 20.54                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -10.27                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -21.53                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -31.80                 |                      |
| 07 52 16 11-0010 | SQ  |     | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 290.15                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 65.93                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 34.94                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 18.46                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -9.23                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -19.44                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -28.67                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0011 | SQ  |     | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 294.00                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 66.70                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 35.32                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 18.65                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -9.32                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -19.64                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -28.96                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0012 | SQ  |     | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 329.52                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 73.80                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 38.88                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 20.43                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -10.21                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -21.41                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -31.62                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0013 | SQ  |     | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 335.43                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 74.98                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 39.47                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 20.72                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -10.36                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -21.71                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -32.07                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0014 | SQ  |     | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 387.22                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 85.34                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 44.65                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 23.31                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -11.66                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -24.30                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -35.95                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0015 | SQ  |     | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive                          |                        |                      |
|                  |     |     | Applied .....                                                                                                                 | 481.57                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 104.21                 |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 54.08                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 28.03                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -14.01                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -29.01                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -43.03                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0016 | SQ  |     | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied..... | 296.58                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 67.21                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 35.58                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 18.78                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -9.39                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -19.77                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -29.15                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |
| 07 52 16 11-0017 | SQ  |     | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied..... | 305.84                 |                      |
|                  |     |     | For Up To 10, Add                                                                                                             | 69.07                  |                      |
|                  |     |     | For >10 To 20, Add                                                                                                            | 36.51                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                            | 19.24                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                        | -9.62                  |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                       | -20.23                 |                      |
|                  |     |     | For >200, Deduct                                                                                                              | -29.85                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add                                                                           | 105.13                 |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 52 16 11-0018 | SQ  |     | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....                                                                                              | 356.15                    |                         |
|                  |     |     | For Up To 10, Add.....                                                                                                                                                                                                     | 79.13                     |                         |
|                  |     |     | For >10 To 20, Add.....                                                                                                                                                                                                    | 41.54                     |                         |
|                  |     |     | For >20 To 40, Add.....                                                                                                                                                                                                    | 21.76                     |                         |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                                                                                | -10.88                    |                         |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                                                                               | -22.74                    |                         |
|                  |     |     | For >200, Deduct.....                                                                                                                                                                                                      | -33.62                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 105.13                    |                         |
| 07 52 16 11-0019 | SQ  |     | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....                                                                                              | 357.33                    |                         |
|                  |     |     | For Up To 10, Add.....                                                                                                                                                                                                     | 79.36                     |                         |
|                  |     |     | For >10 To 20, Add.....                                                                                                                                                                                                    | 41.66                     |                         |
|                  |     |     | For >20 To 40, Add.....                                                                                                                                                                                                    | 21.82                     |                         |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                                                                                | -10.91                    |                         |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                                                                               | -22.80                    |                         |
|                  |     |     | For >200, Deduct.....                                                                                                                                                                                                      | -33.71                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 105.13                    |                         |
| 07 52 16 11-0020 | SQ  |     | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....                                                                                              | 379.83                    |                         |
|                  |     |     | For Up To 10, Add.....                                                                                                                                                                                                     | 83.86                     |                         |
|                  |     |     | For >10 To 20, Add.....                                                                                                                                                                                                    | 43.91                     |                         |
|                  |     |     | For >20 To 40, Add.....                                                                                                                                                                                                    | 22.94                     |                         |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                                                                                | -11.47                    |                         |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                                                                               | -23.93                    |                         |
|                  |     |     | For >200, Deduct.....                                                                                                                                                                                                      | -35.40                    |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 105.13                    |                         |
| 07 52 16 11-0021 |     |     | <b>Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing</b> (07 52 16 11-0001)                                                                                                         |                           |                         |
| 07 52 16 11-0022 | SF  |     | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                            | 5.12                      |                         |
| 07 52 16 11-0023 | SF  |     | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                           | 4.70                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0024 | SF  |     | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                           | 4.74                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0025 | SF  |     | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                           | 5.16                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0026 | SF  |     | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                           | 5.67                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0027 | SF  |     | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                           | 6.62                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0028 | SF  |     | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                               | 4.77                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0029 | SF  |     | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                               | 4.86                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0030 | SF  |     | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                               | 5.38                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0031 | SF  |     | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                               | 5.60                      |                         |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add.....                                                                                                                                                                   | 1.05                      |                         |
| 07 52 16 11-0032 | SF  |     | 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                     | 7.44                      |                         |
| 07 52 16 11-0033 | SF  |     | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....                                                                                                       | 14.09                     |                         |
| 07 52 16 12      |     |     | <b>Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> (07 52 16 12)                                                                                                                             |                           |                         |
| 07 52 16 12-0001 |     |     | <b>Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing</b> (07 52 16 12)<br>Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane. |                           |                         |
| 07 52 16 12-0002 |     |     | <b>Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets</b> (07 52 16 12-0001)                                                                                                    |                           |                         |
| 07 52 16 12-0003 | SQ  |     | 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....                                                                                                                                       | 135.33                    |                         |
|                  |     |     | For Up To 10, Add.....                                                                                                                                                                                                     | 34.40                     |                         |
|                  |     |     | For >10 To 20, Add.....                                                                                                                                                                                                    | 19.04                     |                         |
|                  |     |     | For >20 To 40, Add.....                                                                                                                                                                                                    | 10.44                     |                         |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                                                                                | -5.22                     |                         |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                                                                               | -11.35                    |                         |
|                  |     |     | For >200, Deduct.....                                                                                                                                                                                                      | -16.57                    |                         |
| 07 52 16 12-0004 | SQ  |     | 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....                                                                                                                                       | 186.67                    |                         |
|                  |     |     | For Up To 10, Add.....                                                                                                                                                                                                     | 44.67                     |                         |
|                  |     |     | For >10 To 20, Add.....                                                                                                                                                                                                    | 24.17                     |                         |
|                  |     |     | For >20 To 40, Add.....                                                                                                                                                                                                    | 13.00                     |                         |
|                  |     |     | For >75 To 100, Deduct.....                                                                                                                                                                                                | -6.50                     |                         |
|                  |     |     | For >100 To 200, Deduct.....                                                                                                                                                                                               | -13.92                    |                         |
|                  |     |     | For >200, Deduct.....                                                                                                                                                                                                      | -20.42                    |                         |



| MINOR            | CSI | UOM                                                                                               | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 52 16 12-0005 | SQ  | 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped                   | 193.29      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 46.00       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 24.63       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 13.33       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -6.67       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -14.25      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -20.92      |                        |                      |
| 07 52 16 12-0006 | SQ  | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped           | 275.17      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 62.37       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 33.02       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 17.43       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -8.71       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -18.34      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -27.06      |                        |                      |
| 07 52 16 12-0007 | SQ  | 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped                   | 358.03      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 78.94       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 41.31       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 21.57       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -10.79      |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -22.49      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -33.27      |                        |                      |
| 07 52 16 12-0008 | SQ  | 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped  | 292.82      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 66.60       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 35.31       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 18.66       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -9.33       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -19.66      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -28.99      |                        |                      |
| 07 52 16 12-0009 | SQ  | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped  | 301.73      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 68.38       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 36.20       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 19.10       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -9.55       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -20.11      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -29.66      |                        |                      |
| 07 52 16 12-0010 | SQ  | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 260.00      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 60.03       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 32.03       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 17.02       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -8.51       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -18.02      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -26.53      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |
| 07 52 16 12-0011 | SQ  | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 263.85      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 60.80       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 32.41       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 17.21       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -8.60       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -18.21      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -26.82      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |
| 07 52 16 12-0012 | SQ  | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 299.36      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 67.91       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 35.96       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 18.99       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -9.49       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -19.99      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -29.48      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |
| 07 52 16 12-0013 | SQ  | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 305.28      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 69.09       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 36.55       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 19.28       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -9.64       |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -20.29      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -29.93      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |
| 07 52 16 12-0014 | SQ  | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 357.07      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 79.45       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 41.73       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 21.87       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -10.94      |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -22.87      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -33.81      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |
| 07 52 16 12-0015 | SQ  | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped | 451.42      |                        |                      |
|                  |     | For Up To 10, Add                                                                                 | 98.32       |                        |                      |
|                  |     | For >10 To 20, Add                                                                                | 51.17       |                        |                      |
|                  |     | For >20 To 40, Add                                                                                | 26.59       |                        |                      |
|                  |     | For >75 To 100, Deduct                                                                            | -13.29      |                        |                      |
|                  |     | For >100 To 200, Deduct                                                                           | -27.59      |                        |                      |
|                  |     | For >200, Deduct                                                                                  | -40.89      |                        |                      |
|                  |     | For Factory Applied White Reflective Surfacing, Add                                               | 105.13      |                        |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                    |        |  |
|------------------|----|--------------------------------------------------------------------------------------------------------------------|--------|--|
| 07 52 16 12-0016 | SQ | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped..... | 266.42 |  |
|                  |    | For Up To 10, Add                                                                                                  | 61.32  |  |
|                  |    | For >10 To 20, Add                                                                                                 | 32.67  |  |
|                  |    | For >20 To 40, Add                                                                                                 | 17.34  |  |
|                  |    | For >75 To 100, Deduct                                                                                             | -8.67  |  |
|                  |    | For >100 To 200, Deduct                                                                                            | -18.34 |  |
|                  |    | For >200, Deduct                                                                                                   | -27.01 |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13 |  |
| 07 52 16 12-0017 | SQ | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped..... | 275.69 |  |
|                  |    | For Up To 10, Add                                                                                                  | 63.17  |  |
|                  |    | For >10 To 20, Add                                                                                                 | 33.59  |  |
|                  |    | For >20 To 40, Add                                                                                                 | 17.80  |  |
|                  |    | For >75 To 100, Deduct                                                                                             | -8.90  |  |
|                  |    | For >100 To 200, Deduct                                                                                            | -18.81 |  |
|                  |    | For >200, Deduct                                                                                                   | -27.71 |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13 |  |
| 07 52 16 12-0018 | SQ | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped..... | 326.00 |  |
|                  |    | For Up To 10, Add                                                                                                  | 73.23  |  |
|                  |    | For >10 To 20, Add                                                                                                 | 38.63  |  |
|                  |    | For >20 To 40, Add                                                                                                 | 20.32  |  |
|                  |    | For >75 To 100, Deduct                                                                                             | -10.16 |  |
|                  |    | For >100 To 200, Deduct                                                                                            | -21.32 |  |
|                  |    | For >200, Deduct                                                                                                   | -31.48 |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13 |  |
| 07 52 16 12-0019 | SQ | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped..... | 327.18 |  |
|                  |    | For Up To 10, Add                                                                                                  | 73.47  |  |
|                  |    | For >10 To 20, Add                                                                                                 | 38.74  |  |
|                  |    | For >20 To 40, Add                                                                                                 | 20.38  |  |
|                  |    | For >75 To 100, Deduct                                                                                             | -10.19 |  |
|                  |    | For >100 To 200, Deduct                                                                                            | -21.38 |  |
|                  |    | For >200, Deduct                                                                                                   | -31.57 |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13 |  |
| 07 52 16 12-0020 | SQ | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped..... | 349.67 |  |
|                  |    | For Up To 10, Add                                                                                                  | 77.97  |  |
|                  |    | For >10 To 20, Add                                                                                                 | 40.99  |  |
|                  |    | For >20 To 40, Add                                                                                                 | 21.50  |  |
|                  |    | For >75 To 100, Deduct                                                                                             | -10.75 |  |
|                  |    | For >100 To 200, Deduct                                                                                            | -22.50 |  |
|                  |    | For >200, Deduct                                                                                                   | -33.26 |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 105.13 |  |

**07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing**  
(07 52 16 12-0001)

|                  |    |                                                                                                                    |       |  |
|------------------|----|--------------------------------------------------------------------------------------------------------------------|-------|--|
| 07 52 16 12-0022 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....              | 4.90  |  |
| 07 52 16 12-0023 | SF | 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 4.48  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0024 | SF | 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 4.52  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0025 | SF | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 4.88  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0026 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 4.94  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0027 | SF | 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 5.46  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0028 | SF | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....             | 6.40  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0029 | SF | 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped ..... | 4.55  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0030 | SF | 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped ..... | 4.64  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0031 | SF | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped ..... | 5.06  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0032 | SF | 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped ..... | 5.38  |  |
|                  |    | For Factory Applied White Reflective Surfacing, Add                                                                | 1.05  |  |
| 07 52 16 12-0033 | SF | 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....       | 7.22  |  |
| 07 52 16 12-0034 | SF | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....         | 13.87 |  |

**07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing**  
(07 52 16)

**07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing**  
(07 52 16 13)

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 52 16 13-0002 |     |     | Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 13-0001)    |                        |                      |
| 07 52 16 13-0003 | SQ  |     | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied .....                       | 279.02                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 66.62                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 36.02                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 19.36                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -9.88                  |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -20.71                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -30.39                 |                      |
| 07 52 16 13-0004 | SQ  |     | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied .....             | 250.31                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 60.88                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 33.15                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 17.93                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -8.96                  |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -19.28                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -28.24                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0005 | SQ  |     | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied .....             | 284.05                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 67.63                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 36.52                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 19.61                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -9.81                  |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -20.97                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -30.77                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0006 | SQ  |     | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied .....             | 436.99                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 98.22                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 51.81                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 27.26                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -13.63                 |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -28.61                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -42.24                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0007 | SQ  |     | 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied ..... | 259.96                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 62.81                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 34.11                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 18.41                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -9.20                  |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -19.76                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -28.96                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0008 | SQ  |     | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied ..... | 299.73                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 70.77                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 38.09                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 20.40                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -10.20                 |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -21.75                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -31.95                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0009 | SQ  |     | 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied ..... | 312.50                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 73.51                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 39.50                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 21.13                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -10.56                 |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -22.50                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -33.07                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0010 | SQ  |     | 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied ..... | 405.34                 |                      |
|                  |     |     | For Up To 10, Add .....                                                                                                | 92.07                  |                      |
|                  |     |     | For >10 To 20, Add .....                                                                                               | 48.79                  |                      |
|                  |     |     | For >20 To 40, Add .....                                                                                               | 25.77                  |                      |
|                  |     |     | For >75 To 100, Deduct .....                                                                                           | -12.89                 |                      |
|                  |     |     | For >100 To 200, Deduct .....                                                                                          | -27.15                 |                      |
|                  |     |     | For >200, Deduct .....                                                                                                 | -40.03                 |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 105.13                 |                      |
| 07 52 16 13-0011 |     |     | Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 13-0001)                    |                        |                      |
| 07 52 16 13-0012 | SF  |     | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....               | 3.95                   |                      |
| 07 52 16 13-0013 | SF  |     | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....              | 3.93                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 1.05                   |                      |
| 07 52 16 13-0014 | SF  |     | 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....              | 5.45                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 1.05                   |                      |
| 07 52 16 13-0015 | SF  |     | 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....  | 4.11                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 1.05                   |                      |
| 07 52 16 13-0016 | SF  |     | 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....  | 4.19                   |                      |
|                  |     |     | For Factory Applied White Reflective Surfacing, Add .....                                                              | 1.05                   |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                      |       |
|------------------|----|----------------------------------------------------------------------------------------------------------------------|-------|
| 07 52 16 13-0017 | SF | 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied..... | 5.13  |
|                  |    | <i>For Factory Applied White Reflective Surfacing, Add</i> .....                                                     | 1.05  |
| 07 52 16 13-0018 | SF | 150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....      | 5.33  |
| 07 52 16 13-0019 | SF | 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....         | 12.92 |

**07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** (07 52 16)

|                  |    |                                                                                                                                                                                           |        |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 07 52 16 14-0001 |    | Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 14)<br>Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners. |        |
| 07 52 16 14-0002 |    | Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)                                                                    |        |
| 07 52 16 14-0003 | SQ | 35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened .....                                                                                           | 174.87 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                            | 38.58  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                        | 20.19  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                        | 10.54  |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                    | -5.27  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                   | -10.99 |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                          | -16.27 |
| 07 52 16 14-0004 | SQ | 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened .....                                                                                          | 134.38 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                            | 30.48  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                        | 16.14  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                        | 8.52   |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                    | -4.26  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                   | -8.97  |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                          | -13.23 |
| 07 52 16 14-0005 | SQ | 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened .....                                                                                          | 174.24 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                            | 38.45  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                        | 20.13  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                        | 10.51  |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                    | -5.26  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                   | -10.96 |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                          | -16.22 |
| 07 52 16 14-0006 | SQ | 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened .....                                                                                          | 218.28 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                            | 47.26  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                        | 24.53  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                        | 12.72  |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                    | -6.36  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                   | -13.17 |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                          | -19.52 |
| 07 52 16 14-0007 | SQ | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened .....                                                                                  | 274.21 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                            | 58.44  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                        | 30.12  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                        | 15.51  |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                    | -7.76  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                   | -15.96 |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                          | -23.72 |
| 07 52 16 14-0008 |    | Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)                                                                               |        |
| 07 52 16 14-0009 | SF | 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened .....                                                                          | 3.41   |
| 07 52 16 14-0010 | SF | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened .....                                                                         | 3.49   |

**07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** (07 52 16)

|                  |    |                                                                                                                                                                                                                                                  |        |
|------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 07 52 16 15-0001 |    | Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 15)<br>Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane. |        |
| 07 52 16 15-0002 |    | Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 15-0001)                                                                                                                              |        |
| 07 52 16 15-0003 | SQ | 60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering .....                                                                                                                                                         | 139.91 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                                                                                   | 32.31  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                                                                               | 17.24  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                                                                               | 9.16   |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                                                                           | -4.58  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                                                                          | -9.70  |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                                                                                 | -14.28 |
| 07 52 16 15-0004 | SQ | 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering .....                                                                                                                                                         | 148.30 |
|                  |    | <i>For Up To 10, Add</i> .....                                                                                                                                                                                                                   | 33.99  |
|                  |    | <i>For &gt;10 To 20, Add</i> .....                                                                                                                                                                                                               | 18.08  |
|                  |    | <i>For &gt;20 To 40, Add</i> .....                                                                                                                                                                                                               | 9.58   |
|                  |    | <i>For &gt;75 To 100, Deduct</i> .....                                                                                                                                                                                                           | -4.79  |
|                  |    | <i>For &gt;100 To 200, Deduct</i> .....                                                                                                                                                                                                          | -10.12 |
|                  |    | <i>For &gt;200, Deduct</i> .....                                                                                                                                                                                                                 | -14.91 |



|                                      |  |  |       |
|--------------------------------------|--|--|-------|
| Thermal And Moisture Protection      |  |  | 07    |
| Membrane Roofing                     |  |  | 07 50 |
| Modified Bituminous Membrane Roofing |  |  | 07 52 |

07

| MINOR                                                                                                                                                                                                                                                                                                                                         | CSI | UOM | DESCRIPTION                                                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 52 16 15-0005                                                                                                                                                                                                                                                                                                                              | SQ  |     | 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....                     | 250.78                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 54.81                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 28.57                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 14.87                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -7.43                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -15.45                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -22.88                 |                      |
| 07 52 16 15-0006                                                                                                                                                                                                                                                                                                                              | SQ  |     | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering .....   | 299.97                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 64.65                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 33.49                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 17.32                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -8.66                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -17.91                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -26.57                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Factory Applied White Reflective Surfacing, Add                                                          | 105.13                 |                      |
| 07 52 16 15-0007                                                                                                                                                                                                                                                                                                                              | SQ  |     | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering .....   | 444.98                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 93.65                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 47.99                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 24.58                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -12.29                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -25.16                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -37.44                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Factory Applied White Reflective Surfacing, Add                                                          | 105.13                 |                      |
| 07 52 16 15-0008                                                                                                                                                                                                                                                                                                                              |     |     | Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 15-0001)          |                        |                      |
| 07 52 16 15-0009                                                                                                                                                                                                                                                                                                                              | SF  |     | 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....                        | 3.91                   |                      |
| 07 52 16 15-0010                                                                                                                                                                                                                                                                                                                              | SF  |     | 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....     | 4.39                   |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Factory Applied White Reflective Surfacing, Add                                                          | 1.05                   |                      |
| 07 52 16 15-0011                                                                                                                                                                                                                                                                                                                              | SF  |     | 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....     | 5.84                   |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Factory Applied White Reflective Surfacing, Add                                                          | 1.05                   |                      |
| 07 53                                                                                                                                                                                                                                                                                                                                         |     |     | <b>Elastomeric Membrane Roofing</b> (07 50)                                                                  |                        |                      |
| Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper. |     |     |                                                                                                              |                        |                      |
| 07 53 16                                                                                                                                                                                                                                                                                                                                      |     |     | <b>Chlorosulfonate-Polyethylene Roofing</b> (07 53)                                                          |                        |                      |
| 07 53 16 00-0001                                                                                                                                                                                                                                                                                                                              |     |     | Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16)                                    |                        |                      |
| Note: Includes hot air welding or adhesive bonding of seams.                                                                                                                                                                                                                                                                                  |     |     |                                                                                                              |                        |                      |
| 07 53 16 00-0002                                                                                                                                                                                                                                                                                                                              | SQ  |     | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered .....        | 597.23                 | 86.55                |
|                                                                                                                                                                                                                                                                                                                                               |     |     | Note: Includes adhesive.                                                                                     |                        |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 154.07                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 85.69                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 47.17                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -23.59                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -51.50                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -75.08                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For 15 Year Warranty, Add                                                                                    | 3.00                   |                      |
| 07 53 16 00-0003                                                                                                                                                                                                                                                                                                                              | SQ  |     | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted .....            | 459.61                 | 43.27                |
|                                                                                                                                                                                                                                                                                                                                               |     |     | Note: Includes ballast.                                                                                      |                        |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 109.23                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 58.94                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 31.64                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -15.82                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -33.80                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -49.62                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For 15 Year Warranty, Add                                                                                    | 3.00                   |                      |
| 07 53 16 00-0004                                                                                                                                                                                                                                                                                                                              | SQ  |     | 45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened..... | 487.09                 | 64.91                |
|                                                                                                                                                                                                                                                                                                                                               |     |     | Note: Includes fasteners.                                                                                    |                        |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Up To 10, Add                                                                                            | 123.38                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >10 To 20, Add                                                                                           | 68.18                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >20 To 40, Add                                                                                           | 37.34                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >75 To 100, Deduct                                                                                       | -18.67                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >100 To 200, Deduct                                                                                      | -40.58                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For >200, Deduct                                                                                             | -59.25                 |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For 15 Year Warranty, Add                                                                                    | 3.00                   |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Mechanically Fastened To Concrete Decks, Add                                                             | 32.46                  |                      |
|                                                                                                                                                                                                                                                                                                                                               |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                    | 33.74                  |                      |
| 07 53 23                                                                                                                                                                                                                                                                                                                                      |     |     | <b>Ethylene-Propylene-Diene-Monomer Roofing</b> (07 53)                                                      |                        |                      |
| 07 53 23 00-0001                                                                                                                                                                                                                                                                                                                              |     |     | Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)                                         |                        |                      |
| Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).                                                                                                                                                                                                                                  |     |     |                                                                                                              |                        |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 53 23 00-0002 | SQ  |     | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....               | 306.22                    | 43.27                   |
|                  |     |     | Note: Includes ballast.                                                                                    |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 78.55                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 43.60                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 23.97                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -11.98                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -26.13                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -38.11                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
|                  |     |     | For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add                                                | 30.52                     |                         |
| 07 53 23 00-0003 | SQ  |     | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....               | 398.50                    | 45.98                   |
|                  |     |     | Note: Includes ballast.                                                                                    |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 98.09                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 53.64                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 29.12                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -14.56                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -31.42                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -45.98                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                                  | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                                  | 9.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
|                  |     |     | For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add                                                | 30.52                     |                         |
| 07 53 23 00-0004 | SQ  |     | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....               | 540.63                    | 48.68                   |
|                  |     |     | Note: Includes ballast.                                                                                    |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 127.60                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 68.67                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 36.77                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -18.38                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -39.20                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -57.59                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                                  | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                                  | 9.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
| 07 53 23 00-0005 | SQ  |     | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) ..... | 365.95                    | 64.91                   |
|                  |     |     | Note: Includes adhesive and fasteners.                                                                     |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 99.15                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 56.07                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 31.28                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -15.64                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -34.53                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -50.16                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                                  | 25.42                     |                         |
|                  |     |     | For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add                                                | 30.52                     |                         |
|                  |     |     | For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add                    | 80.60                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                                 | 110.08                    |                         |
| 07 53 23 00-0006 | SQ  |     | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) ..... | 458.23                    | 67.62                   |
|                  |     |     | Note: Includes adhesive and fasteners.                                                                     |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 118.69                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 66.11                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 36.43                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -18.22                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -39.82                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -58.03                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                                  | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                                  | 9.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                                  | 25.42                     |                         |
|                  |     |     | For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add                                                | 30.52                     |                         |
|                  |     |     | For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add                    | 80.60                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                                 | 122.46                    |                         |
| 07 53 23 00-0007 | SQ  |     | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) ..... | 600.37                    | 70.32                   |
|                  |     |     | Note: Includes adhesive and fasteners.                                                                     |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                          | 148.20                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                         | 81.13                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                         | 44.08                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                     | -22.04                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                                    | -47.60                    |                         |
|                  |     |     | For >200, Deduct                                                                                           | -69.64                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                                  | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                                  | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                                  | 9.00                      |                         |
|                  |     |     | For Low Slope Fire Rated, Add                                                                              | 8.45                      |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                                  | 25.42                     |                         |
|                  |     |     | For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add                    | 80.60                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                                 | 135.98                    |                         |





|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Membrane Roofing                |  |  | 07 50 |
| Elastomeric Membrane Roofing    |  |  | 07 53 |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST                                                                                                                 | DEMOLITION<br>UNIT COST |
|------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 07 53 23 00-0008             | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....<br>Note: Includes adhesive and fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For Low Slope Fire Rated, Add<br>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add<br>For Low VOC Adhesive, Add<br>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add<br>For Integral Polyester Fleece-Backing, Add                                                                                                             | 482.34<br><br>131.09<br>74.20<br>41.43<br>-20.71<br>-45.75<br>-66.47<br>3.00<br>8.45<br>30.52<br>63.55<br>80.60<br>110.08                 | 86.55                   |
| 07 53 23 00-0009             | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....<br>Note: Includes adhesive and fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Low Slope Fire Rated, Add<br>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add<br>For Low VOC Adhesive, Add<br>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add<br>For Integral Polyester Fleece-Backing, Add                                                   | 574.62<br><br>150.63<br>84.24<br>46.58<br>-23.29<br>-51.04<br>-74.34<br>3.00<br>7.00<br>9.00<br>8.45<br>30.52<br>63.55<br>80.60<br>122.46 | 89.25                   |
| 07 53 23 00-0010             | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....<br>Note: Includes adhesive and fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Low Slope Fire Rated, Add<br>For Low VOC Adhesive, Add<br>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add<br>For Integral Polyester Fleece-Backing, Add                                                                                                                  | 716.74<br><br>180.13<br>99.26<br>54.23<br>-27.11<br>-58.83<br>-85.94<br>3.00<br>7.00<br>9.00<br>8.45<br>63.55<br>80.60<br>135.98          | 91.96                   |
| 07 53 23 00-0011             | SQ | 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....<br>Note: Includes fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For Low Slope Fire Rated, Add<br>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add<br>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add<br>For Mechanically Fastened To Concrete Decks, Add<br>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                                           | 333.46<br><br>92.66<br>52.82<br>29.66<br>-14.83<br>-32.90<br>-47.73<br>3.00<br>8.45<br>30.52<br>80.60<br>32.46<br>33.74                   | 64.91                   |
| 07 53 23 00-0012             | SQ | 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....<br>Note: Includes fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Low Slope Fire Rated, Add<br>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add<br>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add<br>For Mechanically Fastened To Concrete Decks, Add<br>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add | 425.74<br><br>112.19<br>62.86<br>34.81<br>-17.41<br>-38.19<br>-55.60<br>3.00<br>7.00<br>9.00<br>8.45<br>30.52<br>80.60<br>33.81<br>35.09  | 67.62                   |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                    |        |       |
|------------------|----|----------------------------------------------------------------------------------------------------|--------|-------|
| 07 53 23 00-0013 | SQ | 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened | 567.88 | 70.32 |
|                  |    | Note: Includes fasteners.                                                                          |        |       |
|                  |    | For Up To 10, Add                                                                                  | 141.71 |       |
|                  |    | For >10 To 20, Add                                                                                 | 77.89  |       |
|                  |    | For >20 To 40, Add                                                                                 | 42.46  |       |
|                  |    | For >75 To 100, Deduct                                                                             | -21.23 |       |
|                  |    | For >100 To 200, Deduct                                                                            | -45.98 |       |
|                  |    | For >200, Deduct                                                                                   | -67.20 |       |
|                  |    | For 15 Year Warranty, Add                                                                          | 3.00   |       |
|                  |    | For 20 Year Warranty, Add                                                                          | 7.00   |       |
|                  |    | For 25 Year Warranty, Add                                                                          | 9.00   |       |
|                  |    | For Low Slope Fire Rated, Add                                                                      | 8.45   |       |
|                  |    | For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add            | 80.60  |       |
|                  |    | For Mechanically Fastened To Concrete Decks, Add                                                   | 35.16  |       |
|                  |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                          | 36.44  |       |

**07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories** (07 53 23)

|                  |    |                                                                                                                                  |        |       |
|------------------|----|----------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 07 53 23 00-0015 | SQ | Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat                                                  | 71.06  |       |
|                  |    | For Up To 10, Add                                                                                                                | 18.54  |       |
|                  |    | For >10 To 20, Add                                                                                                               | 10.35  |       |
|                  |    | For >20 To 40, Add                                                                                                               | 5.72   |       |
|                  |    | For >75 To 100, Deduct                                                                                                           | -2.86  |       |
|                  |    | For >100 To 200, Deduct                                                                                                          | -6.26  |       |
|                  |    | For >200, Deduct                                                                                                                 | -9.12  |       |
| 07 53 23 00-0016 | SQ | Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat                 | 73.53  |       |
|                  |    | Note: 55% solids by volume.                                                                                                      |        |       |
|                  |    | For Up To 10, Add                                                                                                                | 19.03  |       |
|                  |    | For >10 To 20, Add                                                                                                               | 10.60  |       |
|                  |    | For >20 To 40, Add                                                                                                               | 5.84   |       |
|                  |    | For >75 To 100, Deduct                                                                                                           | -2.92  |       |
|                  |    | For >100 To 200, Deduct                                                                                                          | -6.38  |       |
|                  |    | For >200, Deduct                                                                                                                 | -9.30  |       |
| 07 53 23 00-0017 | EA | Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot                                     | 44.55  | 10.28 |
|                  |    | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                          |        |       |
| 07 53 23 00-0018 | EA | >4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot                                    | 64.05  | 10.28 |
|                  |    | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                          |        |       |
| 07 53 23 00-0019 | EA | >8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot                                   | 120.33 | 10.28 |
|                  |    | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                          |        |       |
| 07 53 23 00-0020 | EA | 6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket                                            | 159.73 | 11.36 |
|                  |    | Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer. |        |       |
| 07 53 23 00-0021 | LF | 30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad                                                         | 34.75  | 6.28  |
|                  |    | Note: Includes factory installed peel and stick adhesive tape.                                                                   |        |       |
| 07 53 23 00-0022 | SF | Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing                                                                   | 6.57   | 1.62  |
| 07 53 23 00-0023 | SF | Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing                                                                   | 8.19   | 2.44  |

**07 53 29 Polyisobutylene Roofing** (07 53)

**07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes** (07 53 29)

|                  |    |                                                                                                           |        |       |
|------------------|----|-----------------------------------------------------------------------------------------------------------|--------|-------|
|                  |    | Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape. |        |       |
| 07 53 29 00-0002 | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Ballasted                                                       | 518.33 | 48.68 |
|                  |    | Note: Includes ballast.                                                                                   |        |       |
|                  |    | For Up To 10, Add                                                                                         | 123.14 |       |
|                  |    | For >10 To 20, Add                                                                                        | 66.44  |       |
|                  |    | For >20 To 40, Add                                                                                        | 35.65  |       |
|                  |    | For >75 To 100, Deduct                                                                                    | -17.83 |       |
|                  |    | For >100 To 200, Deduct                                                                                   | -38.09 |       |
|                  |    | For >200, Deduct                                                                                          | -55.91 |       |
|                  |    | For 15 Year Warranty, Add                                                                                 | 3.00   |       |
|                  |    | For 20 Year Warranty, Add                                                                                 | 7.00   |       |
|                  |    | For 25 Year Warranty, Add                                                                                 | 9.00   |       |
| 07 53 29 00-0003 | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)                                         | 577.87 | 70.32 |
|                  |    | Note: Includes adhesive.                                                                                  |        |       |
|                  |    | For Up To 10, Add                                                                                         | 143.70 |       |
|                  |    | For >10 To 20, Add                                                                                        | 78.88  |       |
|                  |    | For >20 To 40, Add                                                                                        | 42.96  |       |
|                  |    | For >75 To 100, Deduct                                                                                    | -21.48 |       |
|                  |    | For >100 To 200, Deduct                                                                                   | -46.47 |       |
|                  |    | For >200, Deduct                                                                                          | -67.95 |       |
|                  |    | For 15 Year Warranty, Add                                                                                 | 3.00   |       |
|                  |    | For 20 Year Warranty, Add                                                                                 | 7.00   |       |
|                  |    | For 25 Year Warranty, Add                                                                                 | 9.00   |       |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Membrane Roofing                |  |  | 07 50 |
| Elastomeric Membrane Roofing    |  |  | 07 53 |

| MINOR                                                                                                                                                                                                                                                                                                                                         |    |                                                                                               | TOTAL DIRECT | DEMOLITION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------|--------------|------------|
| CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                           |    |                                                                                               | UNIT COST    | UNIT COST  |
| 07 53 29 00-0004                                                                                                                                                                                                                                                                                                                              | SQ | 100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered .....                                 | 693.94       | 91.96      |
| Note: Includes adhesive.                                                                                                                                                                                                                                                                                                                      |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 175.57       |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 96.98        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 53.09        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -26.54       |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -57.69       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -84.23       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For 20 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 7.00         |            |
| For 25 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 9.00         |            |
| <b>07 54 Thermoplastic Membrane Roofing (07 50)</b>                                                                                                                                                                                                                                                                                           |    |                                                                                               |              |            |
| Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper. |    |                                                                                               |              |            |
| <b>07 54 19 Polyvinyl-Chloride Roofing (07 54)</b>                                                                                                                                                                                                                                                                                            |    |                                                                                               |              |            |
| 07 54 19 00-0001                                                                                                                                                                                                                                                                                                                              |    | Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07 54 19)                             |              |            |
| Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.                                                                                                                                                                                     |    |                                                                                               |              |            |
| 07 54 19 00-0002                                                                                                                                                                                                                                                                                                                              | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....     | 197.36       | 43.27      |
| Note: Includes ballast.                                                                                                                                                                                                                                                                                                                       |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 56.78        |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 32.72        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 18.52        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -9.26        |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -20.69       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -29.95       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For Colors, Add                                                                                                                                                                                                                                                                                                                               |    |                                                                                               | 26.00        |            |
| For Integral Polyester Fleece-Backing, Add                                                                                                                                                                                                                                                                                                    |    |                                                                                               | 27.13        |            |
| 07 54 19 00-0003                                                                                                                                                                                                                                                                                                                              | SQ | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....     | 216.95       | 45.98      |
| Note: Includes ballast.                                                                                                                                                                                                                                                                                                                       |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 61.78        |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 35.49        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 20.04        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -10.02       |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -22.34       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -32.36       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For 20 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 7.00         |            |
| For 25 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 9.00         |            |
| For Colors, Add                                                                                                                                                                                                                                                                                                                               |    |                                                                                               | 26.00        |            |
| For Integral Polyester Fleece-Backing, Add                                                                                                                                                                                                                                                                                                    |    |                                                                                               | 27.13        |            |
| 07 54 19 00-0004                                                                                                                                                                                                                                                                                                                              | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....     | 237.78       | 47.33      |
| Note: Includes ballast.                                                                                                                                                                                                                                                                                                                       |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 66.49        |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 37.98        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 21.36        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -10.68       |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -23.72       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -34.40       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For 20 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 7.00         |            |
| For 25 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 9.00         |            |
| For Colors, Add                                                                                                                                                                                                                                                                                                                               |    |                                                                                               | 26.00        |            |
| For Integral Polyester Fleece-Backing, Add                                                                                                                                                                                                                                                                                                    |    |                                                                                               | 27.13        |            |
| 07 54 19 00-0005                                                                                                                                                                                                                                                                                                                              | SQ | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....     | 248.38       | 48.68      |
| Note: Includes ballast.                                                                                                                                                                                                                                                                                                                       |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 69.15        |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 39.44        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 22.16        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -11.08       |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -24.59       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -35.67       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For 20 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 7.00         |            |
| For 25 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 9.00         |            |
| For Colors, Add                                                                                                                                                                                                                                                                                                                               |    |                                                                                               | 26.00        |            |
| For Integral Polyester Fleece-Backing, Add                                                                                                                                                                                                                                                                                                    |    |                                                                                               | 27.13        |            |
| 07 54 19 00-0006                                                                                                                                                                                                                                                                                                                              | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered ..... | 403.74       | 86.55      |
| Note: Includes adhesive.                                                                                                                                                                                                                                                                                                                      |    |                                                                                               |              |            |
| For Up To 10, Add                                                                                                                                                                                                                                                                                                                             |    |                                                                                               | 115.37       |            |
| For >10 To 20, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 66.34        |            |
| For >20 To 40, Add                                                                                                                                                                                                                                                                                                                            |    |                                                                                               | 37.50        |            |
| For >75 To 100, Deduct                                                                                                                                                                                                                                                                                                                        |    |                                                                                               | -18.75       |            |
| For >100 To 200, Deduct                                                                                                                                                                                                                                                                                                                       |    |                                                                                               | -41.82       |            |
| For >200, Deduct                                                                                                                                                                                                                                                                                                                              |    |                                                                                               | -60.57       |            |
| For 15 Year Warranty, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 3.00         |            |
| For Colors, Add                                                                                                                                                                                                                                                                                                                               |    |                                                                                               | 26.00        |            |
| For Low VOC Adhesive, Add                                                                                                                                                                                                                                                                                                                     |    |                                                                                               | 82.74        |            |
| For Integral Polyester Fleece-Backing, Add                                                                                                                                                                                                                                                                                                    |    |                                                                                               | 27.13        |            |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 54 19 00-0007 | SQ  |     | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....         | 423.34                    | 89.25                   |
|                  |     |     | Note: Includes adhesive.                                                                              |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 120.37                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 69.11                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 39.02                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -19.51                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -43.48                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -62.99                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                             | 9.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                             | 82.74                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
| 07 54 19 00-0008 | SQ  |     | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....         | 444.17                    | 90.60                   |
|                  |     |     | Note: Includes adhesive.                                                                              |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 125.08                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 71.60                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 40.33                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -20.16                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -44.86                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -65.02                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                             | 9.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                             | 82.74                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
| 07 54 19 00-0009 | SQ  |     | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....         | 454.76                    | 91.96                   |
|                  |     |     | Note: Includes adhesive.                                                                              |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 127.74                    |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 73.06                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 41.13                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -20.57                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -45.73                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -66.29                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                             | 9.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Low VOC Adhesive, Add                                                                             | 82.74                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
| 07 54 19 00-0010 | SQ  |     | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened ..... | 216.59                    | 64.91                   |
|                  |     |     | Note: Includes fasteners.                                                                             |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 69.28                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 41.13                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 23.81                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -11.91                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -27.06                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -38.96                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete Decks, Add                                                      | 32.46                     |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                             | 33.74                     |                         |
| 07 54 19 00-0011 | SQ  |     | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened ..... | 236.19                    | 67.62                   |
|                  |     |     | Note: Includes fasteners.                                                                             |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 74.28                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 43.90                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 25.33                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -12.67                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -28.71                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -41.38                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                             | 9.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete Decks, Add                                                      | 33.81                     |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                             | 35.09                     |                         |
| 07 54 19 00-0012 | SQ  |     | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened ..... | 257.03                    | 68.97                   |
|                  |     |     | Note: Includes fasteners.                                                                             |                           |                         |
|                  |     |     | For Up To 10, Add                                                                                     | 78.99                     |                         |
|                  |     |     | For >10 To 20, Add                                                                                    | 46.39                     |                         |
|                  |     |     | For >20 To 40, Add                                                                                    | 26.65                     |                         |
|                  |     |     | For >75 To 100, Deduct                                                                                | -13.32                    |                         |
|                  |     |     | For >100 To 200, Deduct                                                                               | -30.09                    |                         |
|                  |     |     | For >200, Deduct                                                                                      | -43.42                    |                         |
|                  |     |     | For 15 Year Warranty, Add                                                                             | 3.00                      |                         |
|                  |     |     | For 20 Year Warranty, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 25 Year Warranty, Add                                                                             | 9.00                      |                         |
|                  |     |     | For Colors, Add                                                                                       | 26.00                     |                         |
|                  |     |     | For Integral Polyester Fleece-Backing, Add                                                            | 27.13                     |                         |
|                  |     |     | For Mechanically Fastened To Concrete Decks, Add                                                      | 34.49                     |                         |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                             | 35.77                     |                         |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Membrane Roofing                |  |  | 07 50 |
| Thermoplastic Membrane Roofing  |  |  | 07 54 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT UNIT COST                                                                                                      | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------|
| 07 54 19 00-0013 | SQ  |     | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....<br>Note: Includes fasteners.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Colors, Add<br>For Integral Polyester Fleece-Backing, Add<br>For Mechanically Fastened To Concrete Decks, Add<br>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add | 267.62<br>81.65<br>47.86<br>27.45<br>-13.72<br>-30.96<br>-44.69<br>3.00<br>7.00<br>9.00<br>26.00<br>27.13<br>35.16<br>36.44 | 70.32                |
| 07 54 19 00-0014 |     |     | Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                             |                      |
| 07 54 19 00-0015 | SQ  |     | Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat .....<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct                                                                                                                                                                                                                                                                                                                                              | 71.06<br>18.54<br>10.35<br>5.72<br>-2.86<br>-6.26<br>-9.12                                                                  |                      |
| 07 54 19 00-0016 | SQ  |     | Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....<br>Note: 55% solids by volume.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct                                                                                                                                                                                                                                                                                       | 73.53<br>19.03<br>10.60<br>5.84<br>-2.92<br>-6.38<br>-9.30                                                                  |                      |
| 07 54 19 00-0017 | EA  |     | Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                                                                                                                                                                                                                                                                                                                                                         | 74.33                                                                                                                       | 9.19                 |
| 07 54 19 00-0018 | EA  |     | >3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                                                                                                                                                                                                                                                                                                                                                        | 104.51                                                                                                                      | 10.28                |
| 07 54 19 00-0019 | EA  |     | >7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....<br>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                                                                                                                                                                                                                                                                                                                                                       | 133.80                                                                                                                      | 11.36                |
| 07 54 19 00-0020 | EA  |     | 6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket.....<br>Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.                                                                                                                                                                                                                                                                                                                                                       | 170.42                                                                                                                      | 11.36                |
| 07 54 19 00-0021 | LF  |     | 36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 29.71                                                                                                                       | 6.28                 |
| 07 54 19 00-0022 | SF  |     | Polyvinyl Chloride (PVC) Membrane Base Flashing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7.84                                                                                                                        | 1.62                 |
| 07 54 19 00-0023 | SF  |     | Polyvinyl Chloride (PVC) Membrane Curb Flashing .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9.46                                                                                                                        | 2.44                 |
| 07 54 19 00-0024 | SF  |     | Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....<br>Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.                                                                                                                                                                                                                                                                                                                                                                                                              | 10.64                                                                                                                       | 1.62                 |
| 07 54 19 00-0025 |     |     | Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                             |                      |
| 07 54 19 00-0026 |     |     | Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025)<br>Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.                                                                                                                                       |                                                                                                                             |                      |
| 07 54 19 00-0027 | SQ  |     | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered .....<br>Note: Includes adhesive.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Integral Felt Backing, Add                                                                                                                             | 429.16<br>120.45<br>68.88<br>38.77<br>-19.38<br>-43.10<br>-62.48<br>2.79<br>9.77<br>18.15<br>48.84                          | 86.55                |
| 07 54 19 00-0028 | SQ  |     | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered .....<br>Note: Includes adhesive.<br>For Up To 10, Add<br>For >10 To 20, Add<br>For >20 To 40, Add<br>For >75 To 100, Deduct<br>For >100 To 200, Deduct<br>For >200, Deduct<br>For 15 Year Warranty, Add<br>For 20 Year Warranty, Add<br>For 25 Year Warranty, Add<br>For Integral Felt Backing, Add                                                                                                                             | 459.78<br>127.66<br>72.75<br>40.84<br>-20.42<br>-45.30<br>-65.72<br>2.79<br>9.77<br>18.15<br>48.84                          | 89.25                |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

| MINOR               |    |                                                                                                                                              |       | TOTAL DIRECT | DEMOLITION |
|---------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|------------|
| CSI UOM DESCRIPTION |    |                                                                                                                                              |       | UNIT COST    | UNIT COST  |
| 07 54 19 00-0029    | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered         | ..... | 489.26       | 90.60      |
|                     |    | Note: Includes adhesive.                                                                                                                     |       |              |            |
|                     |    | For Up To 10, Add                                                                                                                            |       | 134.09       |            |
|                     |    | For >10 To 20, Add                                                                                                                           |       | 76.11        |            |
|                     |    | For >20 To 40, Add                                                                                                                           |       | 42.58        |            |
|                     |    | For >75 To 100, Deduct                                                                                                                       |       | -21.29       |            |
|                     |    | For >100 To 200, Deduct                                                                                                                      |       | -47.11       |            |
|                     |    | For >200, Deduct                                                                                                                             |       | -68.41       |            |
|                     |    | For 15 Year Warranty, Add                                                                                                                    |       | 2.79         |            |
|                     |    | For 20 Year Warranty, Add                                                                                                                    |       | 9.77         |            |
|                     |    | For 25 Year Warranty, Add                                                                                                                    |       | 18.15        |            |
|                     |    | For Integral Felt Backing, Add                                                                                                               |       | 48.84        |            |
| 07 54 19 00-0030    | SQ | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered         | ..... | 520.33       | 91.96      |
|                     |    | Note: Includes adhesive.                                                                                                                     |       |              |            |
|                     |    | For Up To 10, Add                                                                                                                            |       | 140.85       |            |
|                     |    | For >10 To 20, Add                                                                                                                           |       | 79.62        |            |
|                     |    | For >20 To 40, Add                                                                                                                           |       | 44.41        |            |
|                     |    | For >75 To 100, Deduct                                                                                                                       |       | -22.20       |            |
|                     |    | For >100 To 200, Deduct                                                                                                                      |       | -49.01       |            |
|                     |    | For >200, Deduct                                                                                                                             |       | -71.21       |            |
|                     |    | For 15 Year Warranty, Add                                                                                                                    |       | 2.79         |            |
|                     |    | For 20 Year Warranty, Add                                                                                                                    |       | 9.77         |            |
|                     |    | For 25 Year Warranty, Add                                                                                                                    |       | 18.15        |            |
|                     |    | For Integral Felt Backing, Add                                                                                                               |       | 48.84        |            |
| 07 54 19 00-0031    | SQ | 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened | ..... | 345.65       | 64.91      |
|                     |    | Note: Includes fasteners and plates for mechanically fastening to wood or steel decks                                                        |       |              |            |
|                     |    | For Up To 10, Add                                                                                                                            |       | 95.09        |            |
|                     |    | For >10 To 20, Add                                                                                                                           |       | 54.04        |            |
|                     |    | For >20 To 40, Add                                                                                                                           |       | 30.26        |            |
|                     |    | For >75 To 100, Deduct                                                                                                                       |       | -15.13       |            |
|                     |    | For >100 To 200, Deduct                                                                                                                      |       | -33.51       |            |
|                     |    | For >200, Deduct                                                                                                                             |       | -48.64       |            |
|                     |    | For Mechanically Fastened To Concrete Decks, Add                                                                                             |       | 32.46        |            |
|                     |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                                                    |       | 33.74        |            |
|                     |    | For 15 Year Warranty, Add                                                                                                                    |       | 2.79         |            |
|                     |    | For 20 Year Warranty, Add                                                                                                                    |       | 9.77         |            |
|                     |    | For 25 Year Warranty, Add                                                                                                                    |       | 18.15        |            |
|                     |    | For Integral Felt Backing, Add                                                                                                               |       | 48.84        |            |
|                     |    | For Mechanically Fastened With Sarnafil, Add                                                                                                 |       | 28.69        |            |
| 07 54 19 00-0032    | SQ | 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened | ..... | 376.27       | 67.62      |
|                     |    | Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.                                                       |       |              |            |
|                     |    | For Up To 10, Add                                                                                                                            |       | 102.30       |            |
|                     |    | For >10 To 20, Add                                                                                                                           |       | 57.91        |            |
|                     |    | For >20 To 40, Add                                                                                                                           |       | 32.34        |            |
|                     |    | For >75 To 100, Deduct                                                                                                                       |       | -16.17       |            |
|                     |    | For >100 To 200, Deduct                                                                                                                      |       | -35.72       |            |
|                     |    | For >200, Deduct                                                                                                                             |       | -51.89       |            |
|                     |    | For Mechanically Fastened To Concrete Decks, Add                                                                                             |       | 33.81        |            |
|                     |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                                                    |       | 35.09        |            |
|                     |    | For 15 Year Warranty, Add                                                                                                                    |       | 2.79         |            |
|                     |    | For 20 Year Warranty, Add                                                                                                                    |       | 9.77         |            |
|                     |    | For 25 Year Warranty, Add                                                                                                                    |       | 18.15        |            |
|                     |    | For Integral Felt Backing, Add                                                                                                               |       | 48.84        |            |
|                     |    | For Mechanically Fastened With Sarnafil, Add                                                                                                 |       | 28.69        |            |
| 07 54 19 00-0033    | SQ | 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened | ..... | 405.76       | 68.97      |
|                     |    | Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.                                                       |       |              |            |
|                     |    | For Up To 10, Add                                                                                                                            |       | 108.74       |            |
|                     |    | For >10 To 20, Add                                                                                                                           |       | 61.27        |            |
|                     |    | For >20 To 40, Add                                                                                                                           |       | 34.08        |            |
|                     |    | For >75 To 100, Deduct                                                                                                                       |       | -17.04       |            |
|                     |    | For >100 To 200, Deduct                                                                                                                      |       | -37.53       |            |
|                     |    | For >200, Deduct                                                                                                                             |       | -54.57       |            |
|                     |    | For Mechanically Fastened To Concrete Decks, Add                                                                                             |       | 34.49        |            |
|                     |    | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                                                    |       | 35.77        |            |
|                     |    | For 15 Year Warranty, Add                                                                                                                    |       | 2.79         |            |
|                     |    | For 20 Year Warranty, Add                                                                                                                    |       | 9.77         |            |
|                     |    | For 25 Year Warranty, Add                                                                                                                    |       | 18.15        |            |
|                     |    | For Integral Felt Backing, Add                                                                                                               |       | 48.84        |            |
|                     |    | For Mechanically Fastened With Sarnafil, Add                                                                                                 |       | 28.69        |            |



|                                 |  |       |
|---------------------------------|--|-------|
| Thermal And Moisture Protection |  | 07    |
| Membrane Roofing                |  | 07 50 |
| Thermoplastic Membrane Roofing  |  | 07 54 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 54 19 00-0034 | SQ  |     | 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened..... | 436.83                 | 70.32                |
|                  |     |     | Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.                                                            |                        |                      |
|                  |     |     | For Up To 10, Add                                                                                                                                 | 115.50                 |                      |
|                  |     |     | For >10 To 20, Add                                                                                                                                | 64.78                  |                      |
|                  |     |     | For >20 To 40, Add                                                                                                                                | 35.91                  |                      |
|                  |     |     | For >75 To 100, Deduct                                                                                                                            | -17.95                 |                      |
|                  |     |     | For >100 To 200, Deduct                                                                                                                           | -39.42                 |                      |
|                  |     |     | For >200, Deduct                                                                                                                                  | -57.38                 |                      |
|                  |     |     | For Mechanically Fastened To Concrete Decks, Add                                                                                                  | 35.16                  |                      |
|                  |     |     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add                                                                         | 36.44                  |                      |
|                  |     |     | For 15 Year Warranty, Add                                                                                                                         | 2.79                   |                      |
|                  |     |     | For 20 Year Warranty, Add                                                                                                                         | 9.77                   |                      |
|                  |     |     | For 25 Year Warranty, Add                                                                                                                         | 18.15                  |                      |
|                  |     |     | For Integral Felt Backing, Add                                                                                                                    | 48.84                  |                      |
|                  |     |     | For Mechanically Fastened With Sarnabar, Add                                                                                                      | 28.69                  |                      |
| 07 54 19 00-0035 |     |     | Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025)                 |                        |                      |
| 07 54 19 00-0036 | LF  |     | 3/4" Wide Multi-Purpose Tape (Sika Sarnafil®).....                                                                                                | 1.02                   |                      |
| 07 54 19 00-0037 | LF  |     | Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop).....                                                                         | 4.72                   | 1.56                 |
|                  |     |     | Note: Includes fasteners and caulking.                                                                                                            |                        |                      |
| 07 54 19 00-0038 | EA  |     | 4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles).....                                         | 4.79                   | 1.35                 |
| 07 54 19 00-0039 | LF  |     | 8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....                                                                 | 5.21                   | 1.35                 |
|                  |     |     | Note: Includes aluminum tape.                                                                                                                     |                        |                      |
| 07 54 19 00-0040 | LF  |     | 12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....                                                                | 5.21                   | 1.35                 |
|                  |     |     | Note: Includes aluminum tape.                                                                                                                     |                        |                      |
| 07 54 19 00-0041 | LF  |     | Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet).....                                                                          | 6.95                   | 1.72                 |
|                  |     |     | Note: Includes fasteners, splice plates and caulking.                                                                                             |                        |                      |
| 07 54 19 00-0042 | SF  |     | Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459).....                                                                             | 7.23                   | 1.62                 |
| 07 54 19 00-0043 | SF  |     | Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane).....                                                                  | 8.84                   | 2.44                 |
| 07 54 19 00-0044 | SF  |     | Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad).....                                                         | 10.23                  | 1.62                 |
|                  |     |     | Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.                                                      |                        |                      |
|                  |     |     | For Colored PVC, Add                                                                                                                              | 1.01                   |                      |
| 07 54 19 00-0045 | LF  |     | 39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V).....                        | 28.06                  | 6.28                 |
| 07 54 19 00-0046 | EA  |     | Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....                                    | 72.93                  | 9.19                 |
|                  |     |     | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                           |                        |                      |
| 07 54 19 00-0047 | EA  |     | >3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....                                   | 75.09                  | 10.28                |
|                  |     |     | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                           |                        |                      |
| 07 54 19 00-0048 | EA  |     | >5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....                                   | 77.26                  | 11.36                |
|                  |     |     | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                                           |                        |                      |
| 07 54 19 00-0049 | EA  |     | 6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®).....                                                | 1,080.05               | 205.21               |
| 07 54 19 00-0050 | EA  |     | Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacomers - Inside).....                                | 21.69                  |                      |
| 07 54 19 00-0051 | EA  |     | Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacomers - Outside).....                              | 21.69                  |                      |
| 07 54 19 00-0052 | SQ  |     | 9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid.....                                         | 50.37                  |                      |
| 07 54 19 00-0053 | SQ  |     | 11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid.....                                            | 77.85                  |                      |
| 07 54 19 00-0054 | SQ  |     | 10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid.....                                         | 44.14                  |                      |
| 07 54 19 00-0055 | SQ  |     | 32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering.....       | 122.77                 |                      |
| 07 54 19 00-0056 |     |     | Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) (07 54 19 00-0025)                                                                                |                        |                      |
| 07 54 19 00-0057 |     |     | Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0056)                                   |                        |                      |
| 07 54 19 00-0058 |     |     | Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)                      |                        |                      |
| 07 54 19 00-0059 |     |     | Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0058)                      |                        |                      |
| 07 54 19 00-0060 | LF  |     | 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip).....                 | 17.72                  | 3.09                 |
| 07 54 19 00-0061 |     |     | Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0059)                                                             |                        |                      |
| 07 54 19 00-0062 | EA  |     | Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....                 | 107.64                 | 11.47                |
| 07 54 19 00-0063 | EA  |     | Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....                 | 107.64                 | 11.47                |
| 07 54 19 00-0064 | EA  |     | Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....                | 130.68                 | 11.47                |
| 07 54 19 00-0065 | EA  |     | Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....                    | 48.97                  | 3.09                 |
| 07 54 19 00-0066 |     |     | KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)                |                        |                      |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                                                   |        |       |
|------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 07 54 19 00-0067 |    | KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0066)                |        |       |
| 07 54 19 00-0068 | LF | 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) .....          | 20.38  | 3.09  |
| 07 54 19 00-0069 |    | Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0066)                                                       |        |       |
| 07 54 19 00-0070 | EA | Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....          | 112.96 | 11.47 |
| 07 54 19 00-0071 | EA | Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....          | 112.96 | 11.47 |
| 07 54 19 00-0072 | EA | Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....         | 141.32 | 11.47 |
| 07 54 19 00-0073 | EA | Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....             | 54.30  | 3.09  |
| 07 54 19 00-0074 |    | Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0066)                           |        |       |
| 07 54 19 00-0075 |    | KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0074)        |        |       |
| 07 54 19 00-0076 |    | KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)        |        |       |
| 07 54 19 00-0077 | LF | 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) .....  | 18.34  | 3.09  |
| 07 54 19 00-0078 |    | Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)                    |        |       |
| 07 54 19 00-0079 | EA | Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....  | 108.87 | 11.47 |
| 07 54 19 00-0080 | EA | Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....  | 108.87 | 11.47 |
| 07 54 19 00-0081 | EA | Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) ..... | 133.14 | 11.47 |
| 07 54 19 00-0082 | EA | Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) .....     | 50.20  | 3.09  |
| 07 54 23         |    | <b>Thermoplastic-Polyolefin Roofing (07 54)</b>                                                                                                   |        |       |
| 07 54 23 00-0001 |    | Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)                                                                                       |        |       |
|                  |    | Note: Includes polyester fabric reinforcement and hot air welding of seams.                                                                       |        |       |
| 07 54 23 00-0002 | SQ | 45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....                                                                                       | 441.06 | 86.55 |
|                  |    | Note: Includes adhesive.                                                                                                                          |        |       |
|                  |    | For Up To 10, Add                                                                                                                                 | 122.83 |       |
|                  |    | For >10 To 20, Add                                                                                                                                | 70.07  |       |
|                  |    | For >20 To 40, Add                                                                                                                                | 39.36  |       |
|                  |    | For >75 To 100, Deduct                                                                                                                            | -19.68 |       |
|                  |    | For >100 To 200, Deduct                                                                                                                           | -43.69 |       |
|                  |    | For >200, Deduct                                                                                                                                  | -63.37 |       |
|                  |    | For 15 Year Warranty, Add                                                                                                                         | 3.00   |       |
|                  |    | For Low VOC Adhesive, Add                                                                                                                         | 63.55  |       |
|                  |    | For Integral Polyester Fleece-Backing, Add                                                                                                        | 33.25  |       |
| 07 54 23 00-0003 | SQ | 50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....                                                                                       | 461.81 | 87.90 |
|                  |    | Note: Includes adhesive.                                                                                                                          |        |       |
|                  |    | For Up To 10, Add                                                                                                                                 | 127.52 |       |
|                  |    | For >10 To 20, Add                                                                                                                                | 72.55  |       |
|                  |    | For >20 To 40, Add                                                                                                                                | 40.67  |       |
|                  |    | For >75 To 100, Deduct                                                                                                                            | -20.34 |       |
|                  |    | For >100 To 200, Deduct                                                                                                                           | -45.07 |       |
|                  |    | For >200, Deduct                                                                                                                                  | -65.40 |       |
|                  |    | For 15 Year Warranty, Add                                                                                                                         | 3.00   |       |
|                  |    | For 20 Year Warranty, Add                                                                                                                         | 7.00   |       |
|                  |    | For 25 Year Warranty, Add                                                                                                                         | 9.00   |       |
|                  |    | For Low VOC Adhesive, Add                                                                                                                         | 63.55  |       |
|                  |    | For Integral Polyester Fleece-Backing, Add                                                                                                        | 33.25  |       |
| 07 54 23 00-0004 | SQ | 60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....                                                                                       | 472.55 | 89.25 |
|                  |    | Note: Includes adhesive.                                                                                                                          |        |       |
|                  |    | For Up To 10, Add                                                                                                                                 | 130.21 |       |
|                  |    | For >10 To 20, Add                                                                                                                                | 74.03  |       |
|                  |    | For >20 To 40, Add                                                                                                                                | 41.48  |       |
|                  |    | For >75 To 100, Deduct                                                                                                                            | -20.74 |       |
|                  |    | For >100 To 200, Deduct                                                                                                                           | -45.94 |       |
|                  |    | For >200, Deduct                                                                                                                                  | -66.68 |       |
|                  |    | For 15 Year Warranty, Add                                                                                                                         | 3.00   |       |
|                  |    | For 20 Year Warranty, Add                                                                                                                         | 7.00   |       |
|                  |    | For 25 Year Warranty, Add                                                                                                                         | 9.00   |       |
|                  |    | For Low VOC Adhesive, Add                                                                                                                         | 63.55  |       |
|                  |    | For Integral Polyester Fleece-Backing, Add                                                                                                        | 33.25  |       |





|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Membrane Roofing                |  |  | 07 50 |
| Thermoplastic Membrane Roofing  |  |  | 07 54 |

| MINOR               |                                                                                      | TOTAL DIRECT |  | DEMOLITION |  |
|---------------------|--------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI UOM DESCRIPTION |                                                                                      | UNIT COST    |  | UNIT COST  |  |
| 07 54 23 00-0005    | SQ 80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered .....                      | 612.00       |  | 91.96      |  |
|                     | Note: Includes adhesive.                                                             |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 159.18       |  |            |  |
|                     | For >10 To 20, Add                                                                   | 88.79        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 48.99        |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -24.50       |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -53.59       |  |            |  |
|                     | For >200, Deduct                                                                     | -78.09       |  |            |  |
|                     | For 15 Year Warranty, Add                                                            | 3.00         |  |            |  |
|                     | For 20 Year Warranty, Add                                                            | 7.00         |  |            |  |
|                     | For 25 Year Warranty, Add                                                            | 9.00         |  |            |  |
|                     | For Low VOC Adhesive, Add                                                            | 63.55        |  |            |  |
|                     | For Integral Polyester Fleece-Backing, Add                                           | 33.25        |  |            |  |
| 07 54 23 00-0006    | SQ 45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened .....              | 293.02       |  | 64.91      |  |
|                     | Note: Includes fasteners.                                                            |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 84.57        |  |            |  |
|                     | For >10 To 20, Add                                                                   | 48.78        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 27.63        |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -13.82       |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -30.88       |  |            |  |
|                     | For >200, Deduct                                                                     | -44.70       |  |            |  |
|                     | For 15 Year Warranty, Add                                                            | 3.00         |  |            |  |
|                     | For Integral Polyester Fleece-Backing, Add                                           | 33.25        |  |            |  |
|                     | For Mechanically Fastened To Concrete Decks, Add                                     | 32.46        |  |            |  |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add            | 33.74        |  |            |  |
| 07 54 23 00-0007    | SQ 50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened .....              | 313.78       |  | 66.26      |  |
|                     | Note: Includes fasteners.                                                            |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 89.26        |  |            |  |
|                     | For >10 To 20, Add                                                                   | 51.26        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 28.94        |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -14.47       |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -32.26       |  |            |  |
|                     | For >200, Deduct                                                                     | -46.73       |  |            |  |
|                     | For 15 Year Warranty, Add                                                            | 3.00         |  |            |  |
|                     | For 20 Year Warranty, Add                                                            | 7.00         |  |            |  |
|                     | For 25 Year Warranty, Add                                                            | 9.00         |  |            |  |
|                     | For Integral Polyester Fleece-Backing, Add                                           | 33.25        |  |            |  |
|                     | For Mechanically Fastened To Concrete Decks, Add                                     | 33.13        |  |            |  |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add            | 34.41        |  |            |  |
| 07 54 23 00-0008    | SQ 60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened .....              | 324.52       |  | 67.62      |  |
|                     | Note: Includes fasteners.                                                            |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 91.95        |  |            |  |
|                     | For >10 To 20, Add                                                                   | 52.74        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 29.75        |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -14.87       |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -33.13       |  |            |  |
|                     | For >200, Deduct                                                                     | -48.00       |  |            |  |
|                     | For 15 Year Warranty, Add                                                            | 3.00         |  |            |  |
|                     | For 20 Year Warranty, Add                                                            | 7.00         |  |            |  |
|                     | For 25 Year Warranty, Add                                                            | 9.00         |  |            |  |
|                     | For Integral Polyester Fleece-Backing, Add                                           | 33.25        |  |            |  |
|                     | For Mechanically Fastened To Concrete Decks, Add                                     | 33.81        |  |            |  |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add            | 35.09        |  |            |  |
| 07 54 23 00-0009    | SQ 80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened .....              | 463.97       |  | 70.32      |  |
|                     | Note: Includes fasteners.                                                            |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 120.92       |  |            |  |
|                     | For >10 To 20, Add                                                                   | 67.49        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 37.26        |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -18.63       |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -40.78       |  |            |  |
|                     | For >200, Deduct                                                                     | -59.41       |  |            |  |
|                     | For 15 Year Warranty, Add                                                            | 3.00         |  |            |  |
|                     | For 20 Year Warranty, Add                                                            | 7.00         |  |            |  |
|                     | For 25 Year Warranty, Add                                                            | 9.00         |  |            |  |
|                     | For Integral Polyester Fleece-Backing, Add                                           | 33.25        |  |            |  |
|                     | For Mechanically Fastened To Concrete Decks, Add                                     | 35.16        |  |            |  |
|                     | For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add            | 36.44        |  |            |  |
| 07 54 23 00-0010    | Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)               |              |  |            |  |
| 07 54 23 00-0011    | SQ Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat .....      | 84.64        |  |            |  |
|                     | For Up To 10, Add                                                                    | 21.26        |  |            |  |
|                     | For >10 To 20, Add                                                                   | 11.71        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 6.40         |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -3.20        |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -6.94        |  |            |  |
|                     | For >200, Deduct                                                                     | -10.14       |  |            |  |
| 07 54 23 00-0012    | SQ Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat..... | 73.53        |  |            |  |
|                     | Note: 55% solids by volume.                                                          |              |  |            |  |
|                     | For Up To 10, Add                                                                    | 19.03        |  |            |  |
|                     | For >10 To 20, Add                                                                   | 10.60        |  |            |  |
|                     | For >20 To 40, Add                                                                   | 5.84         |  |            |  |
|                     | For >75 To 100, Deduct                                                               | -2.92        |  |            |  |
|                     | For >100 To 200, Deduct                                                              | -6.38        |  |            |  |
|                     | For >200, Deduct                                                                     | -9.30        |  |            |  |
|                     | For Tan Or Gray Color, Add                                                           | 2.59         |  |            |  |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 54 23 00-0013 | EA  | Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....                                               | 63.95                     | 9.19                    |
|                  |     | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                          |                           |                         |
| 07 54 23 00-0014 | EA  | >3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....                                              | 69.00                     | 10.28                   |
|                  |     | Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.                          |                           |                         |
| 07 54 23 00-0015 | EA  | 6" Diameter, Prefabricated TPO Penetration Pocket.....                                                                           | 127.19                    | 11.36                   |
|                  |     | Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer. |                           |                         |
| 07 54 23 00-0016 | LF  | 30" Wide, TPO Walkway Protection Pad.....                                                                                        | 29.34                     | 6.28                    |
| 07 54 23 00-0017 | SF  | Thermoplastic Polyolefin Membrane Base Flashing.....                                                                             | 8.20                      | 1.62                    |
| 07 54 23 00-0018 | SF  | Thermoplastic Polyolefin Curb Flashing.....                                                                                      | 7.00                      | 1.62                    |
|                  |     | For Tan Or Gray Color, Add.....                                                                                                  | 0.11                      |                         |
| 07 54 23 00-0019 | SF  | Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing.....                                                                   | 12.07                     | 1.62                    |
|                  |     | Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.                                                                |                           |                         |

**07 56 Fluid-Applied Roofing** (07 50)

|                  |    |                                                             |          |        |
|------------------|----|-------------------------------------------------------------|----------|--------|
| 07 56 00 00-0001 |    | Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)            |          |        |
| 07 56 00 00-0002 | SQ | 60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing..... | 1,041.58 | 144.45 |
|                  |    | For Each Additional Coat, Add.....                          | 156.24   |        |

**07 56 00 00-0003 Vinyl Spray Liquid Roofing** (07 56)

|                  |    |                                 |          |        |
|------------------|----|---------------------------------|----------|--------|
| 07 56 00 00-0004 | SQ | 2 Mil Vinyl Liquid Roofing..... | 1,242.23 | 152.24 |
| 07 56 00 00-0005 | SQ | 4 Mil Vinyl Liquid Roofing..... | 1,390.18 | 170.02 |

**07 56 00 00-0006 Silicone Elastomeric Liquid Roofing** (07 56)

|                  |    |                                                                                    |        |       |
|------------------|----|------------------------------------------------------------------------------------|--------|-------|
| 07 56 00 00-0007 | SQ | 65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....   | 445.80 | 87.23 |
| 07 56 00 00-0008 | SQ | 65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....  | 530.34 | 87.23 |
| 07 56 00 00-0009 | SQ | 65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat..... | 593.93 | 87.23 |

**07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane** (07 56)

|                  |    |                                                                                                                                      |          |       |
|------------------|----|--------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| 07 56 00 00-0011 | SQ | 90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....                                                                    | 1,782.14 | 87.23 |
|                  |    | Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat. |          |       |

**07 56 00 00-0012 Urethane Liquid Roofing Membrane** (07 56)

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

|                  |    |                                                                                                                                           |          |  |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| 07 56 00 00-0013 | SQ | Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....                                                     | 97.61    |  |
| 07 56 00 00-0014 | LF | Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....                                                      | 5.18     |  |
| 07 56 00 00-0015 | SQ | White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....          | 372.64   |  |
| 07 56 00 00-0016 | SQ | White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....                                    | 95.77    |  |
| 07 56 00 00-0017 | SQ | White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....                    | 920.77   |  |
| 07 56 00 00-0018 | SQ | White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....          | 1,393.04 |  |
| 07 56 00 00-0019 | SQ | White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply..... | 952.62   |  |
| 07 56 00 00-0020 | SQ | White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....                           | 245.03   |  |

**07 57 Coated Foamed Roofing** (07 50)**07 57 13 Sprayed Polyurethane Foam Roofing** (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

**07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems** (07 57 13)

**07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating** (07 57 13 00-0001)

**07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating** (07 57 13 00-0002)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

|                  |    |                                                                                                                                   |        |       |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 07 57 13 00-0004 | SQ | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....       | 366.97 | 53.51 |
| 07 57 13 00-0005 | SQ | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....  | 441.21 | 57.32 |
| 07 57 13 00-0006 | SQ | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....      | 515.44 | 61.15 |
| 07 57 13 00-0007 | SQ | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating..... | 597.10 | 64.97 |
| 07 57 13 00-0008 | SQ | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....      | 678.77 | 68.79 |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Membrane Roofing                |  |  | 07 50 |
| Coated Foamed Roofing           |  |  | 07 57 |

07

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 57 13 00-0009 | SQ  | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 745.57                    | 72.61                   |
| 07 57 13 00-0010 | SQ  | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 812.35                    | 76.43                   |
| 07 57 13 00-0011 | SQ  | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 886.58                    | 80.26                   |
| 07 57 13 00-0012 | SQ  | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 960.82                    | 84.08                   |
| 07 57 13 00-0013 | SQ  | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 1,035.04                  | 87.91                   |
| 07 57 13 00-0014 | SQ  | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 1,109.28                  | 91.72                   |
| 07 57 13 00-0015 |     | <b>Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating</b> (07 57 13 00-0002)<br>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.             |                           |                         |
| 07 57 13 00-0016 | SQ  | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                            | 378.53                    | 53.51                   |
| 07 57 13 00-0017 | SQ  | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                       | 452.77                    | 57.32                   |
| 07 57 13 00-0018 | SQ  | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 527.00                    | 61.15                   |
| 07 57 13 00-0019 | SQ  | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 601.23                    | 64.97                   |
| 07 57 13 00-0020 | SQ  | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 675.46                    | 68.79                   |
| 07 57 13 00-0021 | SQ  | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 749.70                    | 72.61                   |
| 07 57 13 00-0022 | SQ  | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 823.91                    | 76.43                   |
| 07 57 13 00-0023 | SQ  | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 898.15                    | 80.26                   |
| 07 57 13 00-0024 | SQ  | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 972.38                    | 84.08                   |
| 07 57 13 00-0025 | SQ  | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 1,046.61                  | 87.91                   |
| 07 57 13 00-0026 | SQ  | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 1,120.84                  | 91.72                   |
| 07 57 13 00-0027 |     | <b>Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating</b> (07 57 13 00-0002)<br>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.             |                           |                         |
| 07 57 13 00-0028 | SQ  | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                            | 406.61                    | 53.51                   |
| 07 57 13 00-0029 | SQ  | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                       | 478.37                    | 57.32                   |
| 07 57 13 00-0030 | SQ  | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 550.13                    | 61.15                   |
| 07 57 13 00-0031 | SQ  | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 624.35                    | 64.97                   |
| 07 57 13 00-0032 | SQ  | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 698.59                    | 68.79                   |
| 07 57 13 00-0033 | SQ  | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 803.71                    | 72.61                   |
| 07 57 13 00-0034 | SQ  | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 908.81                    | 76.43                   |
| 07 57 13 00-0035 | SQ  | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 989.32                    | 80.26                   |
| 07 57 13 00-0036 | SQ  | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 1,069.83                  | 84.08                   |
| 07 57 13 00-0037 | SQ  | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                      | 1,150.33                  | 87.91                   |
| 07 57 13 00-0038 | SQ  | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....                                                                                                                                           | 1,230.84                  | 91.72                   |
| 07 57 13 00-0039 |     | <b>Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating</b> (07 57 13 00-0001)                                                                                                                                                                   |                           |                         |
| 07 57 13 00-0040 |     | <b>Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating</b> (07 57 13 00-0039)<br>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty. |                           |                         |
| 07 57 13 00-0041 | SQ  | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....                                                                                                                                           | 414.87                    | 53.51                   |
| 07 57 13 00-0042 | SQ  | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....                                                                                                                                      | 495.38                    | 57.32                   |
| 07 57 13 00-0043 | SQ  | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....                                                                                                                                          | 575.89                    | 61.15                   |

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 57 13 00-0044 | SQ  | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating..... | 656.39                    | 64.97                   |
| 07 57 13 00-0045 | SQ  | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....      | 736.91                    | 68.79                   |
| 07 57 13 00-0046 | SQ  | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating..... | 817.42                    | 72.61                   |
| 07 57 13 00-0047 | SQ  | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....      | 897.91                    | 76.43                   |
| 07 57 13 00-0048 | SQ  | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating..... | 978.42                    | 80.26                   |
| 07 57 13 00-0049 | SQ  | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....      | 1,058.93                  | 84.08                   |
| 07 57 13 00-0050 | SQ  | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating..... | 1,139.43                  | 87.91                   |
| 07 57 13 00-0051 | SQ  | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....      | 1,219.94                  | 91.72                   |

**07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating**

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

|                  |    |                                                                                                                                    |          |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| 07 57 13 00-0053 | SQ | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....       | 431.22   | 53.51 |
| 07 57 13 00-0054 | SQ | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....  | 511.73   | 57.32 |
| 07 57 13 00-0055 | SQ | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....      | 592.25   | 61.15 |
| 07 57 13 00-0056 | SQ | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating..... | 672.75   | 64.97 |
| 07 57 13 00-0057 | SQ | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....      | 753.26   | 68.79 |
| 07 57 13 00-0058 | SQ | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating..... | 833.77   | 72.61 |
| 07 57 13 00-0059 | SQ | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....      | 914.26   | 76.43 |
| 07 57 13 00-0060 | SQ | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating..... | 994.77   | 80.26 |
| 07 57 13 00-0061 | SQ | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....      | 1,075.28 | 84.08 |
| 07 57 13 00-0062 | SQ | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating..... | 1,155.78 | 87.91 |
| 07 57 13 00-0063 | SQ | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....      | 1,236.29 | 91.72 |

**07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating**

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

|                  |    |                                                                                                                                    |          |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| 07 57 13 00-0065 | SQ | 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....       | 443.94   | 53.51 |
| 07 57 13 00-0066 | SQ | 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....  | 524.45   | 57.32 |
| 07 57 13 00-0067 | SQ | 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....      | 604.96   | 61.15 |
| 07 57 13 00-0068 | SQ | 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating..... | 685.46   | 64.97 |
| 07 57 13 00-0069 | SQ | 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....      | 765.98   | 68.79 |
| 07 57 13 00-0070 | SQ | 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating..... | 846.49   | 72.61 |
| 07 57 13 00-0071 | SQ | 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....      | 926.98   | 76.43 |
| 07 57 13 00-0072 | SQ | 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating..... | 1,007.49 | 80.26 |
| 07 57 13 00-0073 | SQ | 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....      | 1,088.00 | 84.08 |
| 07 57 13 00-0074 | SQ | 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating..... | 1,168.50 | 87.91 |
| 07 57 13 00-0075 | SQ | 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....      | 1,249.01 | 91.72 |

**07 58 Roll Roofing** (07 50)**07 58 00 00-0001****Prepared Roll Roofing** (07 58)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

|                  |    |                                                                           |        |       |
|------------------|----|---------------------------------------------------------------------------|--------|-------|
| 07 58 00 00-0002 | SQ | Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing..... | 251.42 | 34.40 |
|------------------|----|---------------------------------------------------------------------------|--------|-------|



|                                  |  |  |       |
|----------------------------------|--|--|-------|
| Thermal And Moisture Protection  |  |  | 07    |
| Membrane Roofing                 |  |  | 07 50 |
| Membrane Roofing Termination Bar |  |  | 07 59 |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST                                                        | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------|
| 07 59            |     |     | <b>Membrane Roofing Termination Bar</b> (07 50)                                                                                                                                                                                                                                                                                                  |                                                                               |                      |
| 07 59 00 00-0001 |     |     | Membrane Roofing Termination Bar (07 59)                                                                                                                                                                                                                                                                                                         |                                                                               |                      |
| 07 59 00 00-0002 | LF  |     | Membrane Roofing Termination Bar.....<br>Note: Includes fasteners and caulking.                                                                                                                                                                                                                                                                  | 4.97                                                                          | 1.56                 |
| 07 60            |     |     | <b>Flashing and Sheet Metal</b> (07)                                                                                                                                                                                                                                                                                                             |                                                                               |                      |
| 07 61            |     |     | <b>Sheet Metal Roofing</b> (07 60)                                                                                                                                                                                                                                                                                                               |                                                                               |                      |
| 07 61 13         |     |     | <b>Standing Seam Sheet Metal Roofing</b> (07 61)                                                                                                                                                                                                                                                                                                 |                                                                               |                      |
| 07 61 13 00-0001 |     |     | Standing Seam Concealed Fastener Roofing (07 61 13)                                                                                                                                                                                                                                                                                              |                                                                               |                      |
| 07 61 13 00-0002 |     |     | Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)                                                                                                                                                                                                                                                                               |                                                                               |                      |
| 07 61 13 00-0003 | SF  |     | Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For Panels < 16" Wide, Add<br>For Up To 5000, Add<br>For > 5000 To 10000, Add                                                                                          | 34.72<br>1.99<br>1.22<br>8.68<br>2.96<br>3.47<br>0.87                         | 3.32                 |
| 07 61 13 00-0004 | SF  |     | Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels < 16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For > 1,500 To 5,000, Add<br>For > 5,000 To 10,000, Add<br>For Panels < 16" Wide, Add<br>For Up To 5000, Add<br>For > 5000 To 10000, Add | 38.02<br>2.16<br>3.23<br>1.34<br>9.51<br>5.70<br>0.95<br>3.23<br>3.80<br>0.95 | 3.60                 |
| 07 61 13 00-0005 | SF  |     | Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For Panels < 16" Wide, Add<br>For Up To 5000, Add<br>For > 5000 To 10000, Add                                                                                          | 44.83<br>2.35<br>1.52<br>11.21<br>3.69<br>4.48<br>1.12                        | 3.92                 |
| 07 61 13 00-0006 |     |     | Zinc/Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)                                                                                                                                                                                                                                                                          |                                                                               |                      |
| 07 61 13 00-0007 | SF  |     | 0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels < 16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For > 1,500 To 5,000, Add<br>For > 5,000 To 10,000, Add<br>For Tin/Copper, Deduct                                                            | 40.62<br>2.16<br>3.36<br>1.39<br>10.16<br>6.09<br>1.02<br>-0.67               | 3.60                 |
| 07 61 13 00-0008 | SF  |     | 0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels < 16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For > 1,500 To 5,000, Add<br>For > 5,000 To 10,000, Add<br>For Tin/Copper, Deduct                                                            | 49.29<br>2.25<br>3.85<br>1.59<br>12.32<br>7.39<br>1.23<br>-0.84               | 3.75                 |
| 07 61 13 00-0009 | SF  |     | 0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels < 16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For > 1,500 To 5,000, Add<br>For > 5,000 To 10,000, Add<br>For Tin/Copper, Deduct                                                            | 56.07<br>2.35<br>4.25<br>1.75<br>14.02<br>8.41<br>1.40<br>-0.96               | 3.92                 |
| 07 61 13 00-0010 | SF  |     | 0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels < 16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For > 1,500 To 5,000, Add<br>For > 5,000 To 10,000, Add<br>For Tin/Copper, Deduct                                                            | 70.41<br>2.46<br>5.04<br>2.07<br>17.60<br>10.56<br>1.76<br>-1.24              | 4.11                 |
| 07 61 13 00-0011 |     |     | Accessories For Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)                                                                                                                                                                                                                                                               |                                                                               |                      |
| 07 61 13 00-0012 | LF  |     | Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For 140 MPH Wind Load, Add                                                                                                                                                                                                       | 146.50<br>5.14<br>4.30                                                        | 6.86                 |
| 07 61 13 00-0013 | LF  |     | Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For 140 MPH Wind Load, Add                                                                                                                                                                                                        | 83.85<br>5.14<br>3.05                                                         | 6.86                 |

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

| MINOR                                                   | CSI | UOM | DESCRIPTION                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------|-----|-----|--------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 61 13 00-0014                                        | LF  |     | Valley Flashing For Copper Standing Seam Concealed Fastener Roofing..... | 205.73                    | 6.86                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 5.14                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 5.49                      |                         |
| 07 61 13 00-0015                                        | LF  |     | Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....    | 151.18                    | 6.86                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 5.14                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 4.39                      |                         |
| <b>07 61 16 Batten Seam Sheet Metal Roofing (07 61)</b> |     |     |                                                                          |                           |                         |
| 07 61 16 00-0001                                        |     |     | Copper Batten Seam Concealed Fastener Roofing (07 61 16)                 |                           |                         |
| 07 61 16 00-0002                                        |     |     | Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)         |                           |                         |
| 07 61 16 00-0003                                        | SF  |     | 16 Ounce Copper Batten Seam Concealed Fastener Roofing .....             | 42.78                     | 3.92                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.35                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 3.59                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.48                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 10.70                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 6.42                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.07                      |                         |
| 07 61 16 00-0004                                        | SF  |     | 18 Ounce Copper Batten Seam Concealed Fastener Roofing .....             | 47.29                     | 4.12                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.47                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 3.89                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.61                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 11.82                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 7.09                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.18                      |                         |
| 07 61 16 00-0005                                        | SF  |     | 20 Ounce Copper Batten Seam Concealed Fastener Roofing .....             | 55.21                     | 4.32                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.59                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 4.36                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.79                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 13.80                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 8.28                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.38                      |                         |
| 07 61 16 00-0006                                        |     |     | Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)    |                           |                         |
| 07 61 16 00-0007                                        | SF  |     | 0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....   | 43.50                     | 3.60                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.16                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 3.51                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.45                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 10.88                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 6.53                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.09                      |                         |
|                                                         |     |     | For Tin/Copper, Deduct                                                   | -0.73                     |                         |
| 07 61 16 00-0008                                        | SF  |     | 0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....   | 53.41                     | 3.75                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.25                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 4.06                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.67                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 13.35                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 8.01                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.34                      |                         |
|                                                         |     |     | For Tin/Copper, Deduct                                                   | -0.92                     |                         |
| 07 61 16 00-0009                                        | SF  |     | 0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....   | 59.90                     | 3.92                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.35                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 4.45                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.83                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 14.98                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 8.99                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.50                      |                         |
|                                                         |     |     | For Tin/Copper, Deduct                                                   | -1.04                     |                         |
| 07 61 16 00-0010                                        | SF  |     | 0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....   | 75.34                     | 4.11                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.46                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 5.29                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 2.16                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 18.84                     |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 11.30                     |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 1.88                      |                         |
|                                                         |     |     | For Tin/Copper, Deduct                                                   | -1.34                     |                         |
| <b>07 61 19 Flat Seam Sheet Metal Roofing (07 61)</b>   |     |     |                                                                          |                           |                         |
| 07 61 19 00-0001                                        |     |     | Copper Flat Seam Concealed Fastener Roofing (07 61 19)                   |                           |                         |
| 07 61 19 00-0002                                        |     |     | Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)           |                           |                         |
| 07 61 19 00-0003                                        | SF  |     | 16 Ounce Copper Flat Seam Concealed Fastener Roofing.....                | 32.95                     | 3.60                    |
|                                                         |     |     | For Steep Roof, Over 6 To 12, Add                                        | 2.16                      |                         |
|                                                         |     |     | For Panels <16" Wide, Add                                                | 2.98                      |                         |
|                                                         |     |     | For 140 MPH Wind Load, Add                                               | 1.23                      |                         |
|                                                         |     |     | For Up To 1,500, Add                                                     | 8.24                      |                         |
|                                                         |     |     | For >1,500 To 5,000, Add                                                 | 4.94                      |                         |
|                                                         |     |     | For >5,000 To 10,000, Add                                                | 0.82                      |                         |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Flashing and Sheet Metal        |  |  | 07 60 |
| Sheet Metal Roofing             |  |  | 07 61 |

| MINOR            |     | DESCRIPTION                                                                                                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST                                       | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------|
| CSI              | UOM |                                                                                                                                                                                                                                                                                |                                                                 |                         |
| 07 61 19 00-0004 | SF  | 18 Ounce Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                     | 36.28<br>2.25<br>3.20<br>1.33<br>9.07<br>5.44<br>0.91           | 3.75                    |
| 07 61 19 00-0005 | SF  | 20 Ounce Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add                                     | 42.09<br>2.35<br>3.55<br>1.47<br>10.52<br>6.31<br>1.05          | 3.92                    |
| 07 61 19 00-0006 |     | Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)                                                                                                                                                                                                            |                                                                 |                         |
| 07 61 19 00-0007 | SF  | 0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add<br>For Tin/Copper, Deduct | 38.02<br>2.16<br>3.23<br>1.34<br>9.51<br>5.70<br>0.95<br>-0.62  | 3.60                    |
| 07 61 19 00-0008 | SF  | 0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add<br>For Tin/Copper, Deduct | 46.56<br>2.25<br>3.72<br>1.53<br>11.64<br>6.98<br>1.16<br>-0.78 | 3.75                    |
| 07 61 19 00-0009 | SF  | 0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add<br>For Tin/Copper, Deduct | 52.37<br>2.35<br>4.07<br>1.67<br>13.09<br>7.86<br>1.31<br>-0.89 | 3.92                    |
| 07 61 19 00-0010 | SF  | 0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....<br>For Steep Roof, Over 6 To 12, Add<br>For Panels <16" Wide, Add<br>For 140 MPH Wind Load, Add<br>For Up To 1,500, Add<br>For >1,500 To 5,000, Add<br>For >5,000 To 10,000, Add<br>For Tin/Copper, Deduct | 65.75<br>2.46<br>4.81<br>1.97<br>16.44<br>9.86<br>1.64<br>-1.15 | 4.11                    |
| 07 62            |     | Sheet Metal Flashing and Trim (07 60)                                                                                                                                                                                                                                          |                                                                 |                         |
| 07 62 13         |     | Fabricated Copings (07 62)                                                                                                                                                                                                                                                     |                                                                 |                         |
| 07 62 13 00-0001 |     | Lead Flashing And Trim (07 62 13)                                                                                                                                                                                                                                              |                                                                 |                         |
| 07 62 13 00-0002 | SF  | 2.5 LB/SF Sheet Lead Flashing.....<br>For Up To 100, Add                                                                                                                                                                                                                       | 23.10<br>5.78                                                   | 5.34                    |
| 07 62 13 00-0003 | SF  | 4 LB/SF Sheet Lead Flashing.....<br>For Up To 100, Add                                                                                                                                                                                                                         | 30.41<br>7.60                                                   | 5.34                    |
| 07 62 13 00-0004 |     | Copper Flashing And Trim (07 62 13)                                                                                                                                                                                                                                            |                                                                 |                         |
| 07 62 13 00-0005 |     | Copper Flashing And Trim (07 62 13 00-0004)                                                                                                                                                                                                                                    |                                                                 |                         |
| 07 62 13 00-0006 | SF  | 16 Ounce, 0.021" Thick, Copper Flashing And Trim.....<br>For Up To 100, Add<br>For >500 To 2,000, Deduct<br>For >2,000, Deduct<br>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add<br>For Wrap Around Window Panning, Add                                          | 30.75<br>7.69<br>-4.20<br>-5.23<br>2.06<br>10.31                | 5.21                    |
| 07 62 13 00-0007 | SF  | 20 Ounce, 0.027" Thick, Copper Flashing And Trim.....<br>For Up To 100, Add<br>For >500 To 2,000, Deduct<br>For >2,000, Deduct<br>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add<br>For Wrap Around Window Panning, Add                                          | 31.72<br>7.93<br>-4.34<br>-5.39<br>2.15<br>10.77                | 5.34                    |
| 07 62 13 00-0008 | SF  | 24 Ounce, 0.032" Thick, Copper Flashing And Trim.....<br>For Up To 100, Add<br>For >500 To 2,000, Deduct<br>For >2,000, Deduct<br>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add<br>For Wrap Around Window Panning, Add                                          | 36.43<br>9.11<br>-4.96<br>-6.22<br>2.26<br>11.29                | 5.69                    |

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

| MINOR            | CSI | UOM | DESCRIPTION                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------|---------------------------|-------------------------|
| 07 62 13 00-0009 | SF  |     | 32 Ounce, 0.043" Thick, Copper Flashing And Trim.....           | 45.37                     | 5.93                    |
|                  |     |     | For Up To 100, Add                                              | 11.34                     |                         |
|                  |     |     | For >500 To 2,000, Deduct                                       | -6.14                     |                         |
|                  |     |     | For >2,000, Deduct                                              | -7.81                     |                         |
|                  |     |     | For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add    | 2.37                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 11.85                     |                         |
| 07 62 13 00-0010 |     |     | Stainless Steel Flashing And Trim (07 62 13)                    |                           |                         |
| 07 62 13 00-0011 |     |     | Stainless Steel Flashing And Trim (07 62 13 00-0010)            |                           |                         |
| 07 62 13 00-0012 | SF  |     | 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim.....  | 10.45                     | 2.84                    |
|                  |     |     | For Up To 100, Add                                              | 2.61                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.32                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 1.25                      |                         |
| 07 62 13 00-0013 | SF  |     | 30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim..... | 11.34                     | 3.20                    |
|                  |     |     | For Up To 100, Add                                              | 2.84                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.43                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 1.56                      |                         |
| 07 62 13 00-0014 | SF  |     | 28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim..... | 12.24                     | 3.55                    |
|                  |     |     | For Up To 100, Add                                              | 3.06                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.55                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 1.88                      |                         |
| 07 62 13 00-0015 | SF  |     | 26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim..... | 13.66                     | 3.91                    |
|                  |     |     | For Up To 100, Add                                              | 3.42                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.79                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 2.35                      |                         |
| 07 62 13 00-0016 | SF  |     | 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....  | 16.05                     | 4.15                    |
|                  |     |     | For Up To 100, Add                                              | 4.01                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.23                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 3.13                      |                         |
| 07 62 13 00-0017 | SF  |     | 22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim.....  | 17.53                     | 4.36                    |
|                  |     |     | For Up To 100, Add                                              | 4.38                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.71                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 3.53                      |                         |
| 07 62 13 00-0018 | SF  |     | 20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim..... | 18.78                     | 4.62                    |
|                  |     |     | For Up To 100, Add                                              | 4.70                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 9.22                      |                         |
|                  |     |     | For Mechanically Keyed Flashing, Add                            | 3.82                      |                         |
| 07 62 13 00-0019 |     |     | Aluminum Flashing And Trim (07 62 13)                           |                           |                         |
| 07 62 13 00-0020 |     |     | Aluminum Flashing And Trim (07 62 13 00-0019)                   |                           |                         |
| 07 62 13 00-0021 | SF  |     | 0.013" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 11.48                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 2.87                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.33                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0022 | SF  |     | 0.016" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 12.20                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 3.05                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.40                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0023 | SF  |     | 0.019" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 12.77                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 3.19                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.46                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0024 | SF  |     | 0.024" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 13.60                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 3.40                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.54                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0025 | SF  |     | 0.032" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 14.76                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 3.69                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.66                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0026 | SF  |     | 0.040" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 15.47                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 3.87                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.73                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0027 | SF  |     | 0.050" Thick, Mill Finish, Aluminum Flashing And Trim.....      | 16.04                     | 3.67                    |
|                  |     |     | For Up To 100, Add                                              | 4.01                      |                         |
|                  |     |     | For Baked Aluminum Colors, Add                                  | 0.79                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.17                      |                         |
| 07 62 13 00-0028 |     |     | Steel Flashing And Trim (07 62 13)                              |                           |                         |
| 07 62 13 00-0029 |     |     | Galvanized Steel Flashing And Trim (07 62 13 00-0028)           |                           |                         |
| 07 62 13 00-0030 | SF  |     | 28 Gauge, 0.019" Thick, Galvanized Steel Flashing.....          | 12.12                     | 3.55                    |
|                  |     |     | For Up To 100, Add                                              | 3.03                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.55                      |                         |
| 07 62 13 00-0031 | SF  |     | 26 Gauge, 0.022" Thick, Galvanized Steel Flashing.....          | 12.61                     | 3.91                    |
|                  |     |     | For Up To 100, Add                                              | 3.15                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 7.79                      |                         |
| 07 62 13 00-0032 | SF  |     | 24 Gauge, 0.028" Thick, Galvanized Steel Flashing.....          | 13.43                     | 4.15                    |
|                  |     |     | For Up To 100, Add                                              | 3.36                      |                         |
|                  |     |     | For Wrap Around Window Panning, Add                             | 8.23                      |                         |





| MINOR                                                       | CSI | UOM | DESCRIPTION                                                                                                             | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 62 13 00-0033                                            | SF  |     | 22 Gauge, 0.034" Thick, Galvanized Steel Flashing.....<br>For Up To 100, Add<br>For Wrap Around Window Panning, Add     | 14.29<br>3.57<br>8.71  | 4.36                 |
| 07 62 13 00-0034                                            | SF  |     | 20 Gauge, 0.04" Thick, Galvanized Steel Flashing.....<br>For Up To 100, Add<br>For Wrap Around Window Panning, Add      | 15.47<br>3.87<br>9.22  | 4.62                 |
| <b>07 62 19 Fabricated Gravel Stops and Fasciae (07 62)</b> |     |     |                                                                                                                         |                        |                      |
| 07 62 19 00-0001                                            |     |     | Drip Edge (07 62 19)                                                                                                    |                        |                      |
| 07 62 19 00-0002                                            |     |     | Aluminum Drip Edge (07 62 19 00-0001)<br>Note: Girth (stretch-out) equals the total (flattened) width of the drip edge. |                        |                      |
| 07 62 19 00-0003                                            |     |     | KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)                                                                |                        |                      |
| 07 62 19 00-0004                                            |     |     | 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0005                                            | LF  |     | Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 12.48                  | 1.72                 |
| 07 62 19 00-0006                                            | LF  |     | >5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 15.58                  | 1.84                 |
| 07 62 19 00-0007                                            | LF  |     | >7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 17.59                  | 2.07                 |
| 07 62 19 00-0008                                            | LF  |     | >9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 21.19                  | 2.18                 |
| 07 62 19 00-0009                                            | LF  |     | >12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 27.09                  | 2.29                 |
| 07 62 19 00-0010                                            |     |     | 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0011                                            | LF  |     | Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 13.36                  | 1.72                 |
| 07 62 19 00-0012                                            | LF  |     | >5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 16.56                  | 1.84                 |
| 07 62 19 00-0013                                            | LF  |     | >7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 19.06                  | 2.07                 |
| 07 62 19 00-0014                                            | LF  |     | >9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 22.94                  | 2.18                 |
| 07 62 19 00-0015                                            | LF  |     | >12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 28.75                  | 2.29                 |
| 07 62 19 00-0016                                            |     |     | 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0017                                            | LF  |     | Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 14.24                  | 1.72                 |
| 07 62 19 00-0018                                            | LF  |     | >5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 17.73                  | 1.84                 |
| 07 62 19 00-0019                                            | LF  |     | >7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 20.47                  | 2.07                 |
| 07 62 19 00-0020                                            | LF  |     | >9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 24.70                  | 2.18                 |
| 07 62 19 00-0021                                            | LF  |     | >12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 31.09                  | 2.29                 |
| 07 62 19 00-0022                                            |     |     | 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0023                                            | LF  |     | Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 16.00                  | 1.72                 |
| 07 62 19 00-0024                                            | LF  |     | >5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 20.07                  | 1.84                 |
| 07 62 19 00-0025                                            | LF  |     | >7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 23.25                  | 2.07                 |
| 07 62 19 00-0026                                            | LF  |     | >9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 28.22                  | 2.18                 |
| 07 62 19 00-0027                                            | LF  |     | >12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 35.78                  | 2.29                 |
| 07 62 19 00-0028                                            |     |     | 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0029                                            | LF  |     | Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 16.58                  | 1.72                 |
| 07 62 19 00-0030                                            | LF  |     | >5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 20.95                  | 1.84                 |
| 07 62 19 00-0031                                            | LF  |     | >7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 24.18                  | 2.07                 |
| 07 62 19 00-0032                                            | LF  |     | >9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 29.39                  | 2.18                 |
| 07 62 19 00-0033                                            | LF  |     | >12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 37.34                  | 2.29                 |
| 07 62 19 00-0034                                            |     |     | 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0035                                            | LF  |     | Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 18.63                  | 1.72                 |
| 07 62 19 00-0036                                            | LF  |     | >5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 23.59                  | 1.84                 |
| 07 62 19 00-0037                                            | LF  |     | >7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 27.40                  | 2.07                 |
| 07 62 19 00-0038                                            | LF  |     | >9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 33.49                  | 2.18                 |
| 07 62 19 00-0039                                            | LF  |     | >12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 42.81                  | 2.29                 |
| 07 62 19 00-0040                                            |     |     | 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0041                                            | LF  |     | Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 21.56                  | 1.72                 |
| 07 62 19 00-0042                                            | LF  |     | >5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 27.49                  | 1.84                 |
| 07 62 19 00-0043                                            | LF  |     | >7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 32.04                  | 2.07                 |
| 07 62 19 00-0044                                            | LF  |     | >9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 39.35                  | 2.18                 |
| 07 62 19 00-0045                                            | LF  |     | >12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 50.62                  | 2.29                 |
| 07 62 19 00-0046                                            |     |     | 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)                                                  |                        |                      |
| 07 62 19 00-0047                                            | LF  |     | Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                                | 25.08                  | 1.72                 |
| 07 62 19 00-0048                                            | LF  |     | >5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 32.18                  | 1.84                 |
| 07 62 19 00-0049                                            | LF  |     | >7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                               | 37.61                  | 2.07                 |
| 07 62 19 00-0050                                            | LF  |     | >9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                              | 46.38                  | 2.18                 |
| 07 62 19 00-0051                                            | LF  |     | >12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....                                             | 59.99                  | 2.29                 |

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                    |       |      |
|------------------|------------------------------------------------------------------------------------|-------|------|
| 07 62 19 00-0052 | Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)                                 |       |      |
| 07 62 19 00-0053 | 0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0054 | LF Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....              | 10.21 | 1.72 |
| 07 62 19 00-0055 | LF >5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....             | 12.49 | 1.84 |
| 07 62 19 00-0056 | LF >7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....             | 14.02 | 2.07 |
| 07 62 19 00-0057 | LF >9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....            | 16.64 | 2.18 |
| 07 62 19 00-0058 | LF >12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....           | 20.82 | 2.29 |
| 07 62 19 00-0059 | 0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0060 | LF Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....              | 10.82 | 1.72 |
| 07 62 19 00-0061 | LF >5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....             | 13.16 | 1.84 |
| 07 62 19 00-0062 | LF >7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....             | 15.03 | 2.07 |
| 07 62 19 00-0063 | LF >9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....            | 17.85 | 2.18 |
| 07 62 19 00-0064 | LF >12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....           | 21.96 | 2.29 |
| 07 62 19 00-0065 | 0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0066 | LF Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....              | 11.42 | 1.72 |
| 07 62 19 00-0067 | LF >5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....             | 13.97 | 1.84 |
| 07 62 19 00-0068 | LF >7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....             | 16.00 | 2.07 |
| 07 62 19 00-0069 | LF >9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....            | 19.06 | 2.18 |
| 07 62 19 00-0070 | LF >12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....           | 23.58 | 2.29 |
| 07 62 19 00-0071 | 0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0072 | LF Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....              | 12.63 | 1.72 |
| 07 62 19 00-0073 | LF >5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....             | 15.59 | 1.84 |
| 07 62 19 00-0074 | LF >7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....             | 17.92 | 2.07 |
| 07 62 19 00-0075 | LF >9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....            | 21.49 | 2.18 |
| 07 62 19 00-0076 | LF >12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....           | 26.81 | 2.29 |
| 07 62 19 00-0077 | 0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0078 | LF Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....              | 13.04 | 1.72 |
| 07 62 19 00-0079 | LF >5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....             | 16.19 | 1.84 |
| 07 62 19 00-0080 | LF >7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....             | 18.56 | 2.07 |
| 07 62 19 00-0081 | LF >9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....            | 22.30 | 2.18 |
| 07 62 19 00-0082 | LF >12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....           | 27.89 | 2.29 |
| 07 62 19 00-0083 | 0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0084 | LF Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....              | 14.45 | 1.72 |
| 07 62 19 00-0085 | LF >5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....             | 18.01 | 1.84 |
| 07 62 19 00-0086 | LF >7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....             | 20.78 | 2.07 |
| 07 62 19 00-0087 | LF >9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....            | 25.12 | 2.18 |
| 07 62 19 00-0088 | LF >12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....           | 31.66 | 2.29 |
| 07 62 19 00-0089 | 0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0090 | LF Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....              | 16.47 | 1.72 |
| 07 62 19 00-0091 | LF >5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....             | 20.70 | 1.84 |
| 07 62 19 00-0092 | LF >7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....             | 23.98 | 2.07 |
| 07 62 19 00-0093 | LF >9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....            | 29.16 | 2.18 |
| 07 62 19 00-0094 | LF >12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....           | 37.05 | 2.29 |
| 07 62 19 00-0095 | 0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)                   |       |      |
| 07 62 19 00-0096 | LF Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....              | 18.90 | 1.72 |
| 07 62 19 00-0097 | LF >5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....             | 23.94 | 1.84 |
| 07 62 19 00-0098 | LF >7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....             | 27.82 | 2.07 |
| 07 62 19 00-0099 | LF >9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....            | 34.01 | 2.18 |
| 07 62 19 00-0100 | LF >12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....           | 43.51 | 2.29 |
| 07 62 19 00-0101 | Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0002)                       |       |      |
| 07 62 19 00-0102 | 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)         |       |      |
| 07 62 19 00-0103 | LF Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....    | 12.92 | 1.72 |
| 07 62 19 00-0104 | LF >5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 16.18 | 1.84 |
| 07 62 19 00-0105 | LF >7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 18.28 | 2.07 |
| 07 62 19 00-0106 | LF >9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 22.06 | 2.18 |
| 07 62 19 00-0107 | LF >12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 28.30 | 2.29 |
| 07 62 19 00-0108 | 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)         |       |      |
| 07 62 19 00-0109 | LF Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....    | 13.85 | 1.72 |
| 07 62 19 00-0110 | LF >5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 17.21 | 1.84 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                     | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------|------------------------|----------------------|
| 07 62 19 00-0111 | LF  |     | >7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 19.83                  | 2.07                 |
| 07 62 19 00-0112 | LF  |     | >9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 23.93                  | 2.18                 |
| 07 62 19 00-0113 | LF  |     | >12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 30.06                  | 2.29                 |
| 07 62 19 00-0114 |     |     | 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0115 | LF  |     | Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 14.79                  | 1.72                 |
| 07 62 19 00-0116 | LF  |     | >5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 18.45                  | 1.84                 |
| 07 62 19 00-0117 | LF  |     | >7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 21.34                  | 2.07                 |
| 07 62 19 00-0118 | LF  |     | >9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 25.79                  | 2.18                 |
| 07 62 19 00-0119 | LF  |     | >12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 32.55                  | 2.29                 |
| 07 62 19 00-0120 |     |     | 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0121 | LF  |     | Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 16.65                  | 1.72                 |
| 07 62 19 00-0122 | LF  |     | >5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 20.94                  | 1.84                 |
| 07 62 19 00-0123 | LF  |     | >7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 24.29                  | 2.07                 |
| 07 62 19 00-0124 | LF  |     | >9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 29.52                  | 2.18                 |
| 07 62 19 00-0125 | LF  |     | >12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 37.51                  | 2.29                 |
| 07 62 19 00-0126 |     |     | 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0127 | LF  |     | Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 17.27                  | 1.72                 |
| 07 62 19 00-0128 | LF  |     | >5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 21.87                  | 1.84                 |
| 07 62 19 00-0129 | LF  |     | >7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 25.27                  | 2.07                 |
| 07 62 19 00-0130 | LF  |     | >9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 30.76                  | 2.18                 |
| 07 62 19 00-0131 | LF  |     | >12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 39.17                  | 2.29                 |
| 07 62 19 00-0132 |     |     | 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0133 | LF  |     | Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 19.44                  | 1.72                 |
| 07 62 19 00-0134 | LF  |     | >5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 24.66                  | 1.84                 |
| 07 62 19 00-0135 | LF  |     | >7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 28.68                  | 2.07                 |
| 07 62 19 00-0136 | LF  |     | >9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 35.10                  | 2.18                 |
| 07 62 19 00-0137 | LF  |     | >12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 44.97                  | 2.29                 |
| 07 62 19 00-0138 |     |     | 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0139 | LF  |     | Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 22.55                  | 1.72                 |
| 07 62 19 00-0140 | LF  |     | >5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 28.80                  | 1.84                 |
| 07 62 19 00-0141 | LF  |     | >7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 33.60                  | 2.07                 |
| 07 62 19 00-0142 | LF  |     | >9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 41.31                  | 2.18                 |
| 07 62 19 00-0143 | LF  |     | >12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 53.25                  | 2.29                 |
| 07 62 19 00-0144 |     |     | 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)      |                        |                      |
| 07 62 19 00-0145 | LF  |     | Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge .....   | 26.27                  | 1.72                 |
| 07 62 19 00-0146 | LF  |     | >5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 33.77                  | 1.84                 |
| 07 62 19 00-0147 | LF  |     | >7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....   | 39.50                  | 2.07                 |
| 07 62 19 00-0148 | LF  |     | >9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....  | 48.77                  | 2.18                 |
| 07 62 19 00-0149 | LF  |     | >12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge..... | 63.18                  | 2.29                 |
| 07 62 19 00-0150 |     |     | Galvanized Steel Drip Edge (07 62 19 00-0001)                                   |                        |                      |
|                  |     |     | Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.  |                        |                      |
| 07 62 19 00-0151 |     |     | Galvanized Steel Drip Edge (07 62 19 00-0150)                                   |                        |                      |
| 07 62 19 00-0152 |     |     | 26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)                         |                        |                      |
| 07 62 19 00-0153 | LF  |     | Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge .....                      | 11.90                  | 1.72                 |
| 07 62 19 00-0154 | LF  |     | >5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....                      | 14.66                  | 1.84                 |
| 07 62 19 00-0155 | LF  |     | >7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....                      | 16.75                  | 2.07                 |
| 07 62 19 00-0156 | LF  |     | >9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....                     | 20.01                  | 2.18                 |
| 07 62 19 00-0157 | LF  |     | >12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....                    | 24.84                  | 2.29                 |
| 07 62 19 00-0158 |     |     | 24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)                         |                        |                      |
| 07 62 19 00-0159 | LF  |     | Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge .....                      | 12.91                  | 1.72                 |
| 07 62 19 00-0160 | LF  |     | >5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....                      | 16.02                  | 1.84                 |
| 07 62 19 00-0161 | LF  |     | >7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....                      | 18.35                  | 2.07                 |
| 07 62 19 00-0162 | LF  |     | >9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....                     | 22.04                  | 2.18                 |
| 07 62 19 00-0163 | LF  |     | >12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....                    | 27.53                  | 2.29                 |
| 07 62 19 00-0164 |     |     | KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)                |                        |                      |
| 07 62 19 00-0165 |     |     | 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)      |                        |                      |
| 07 62 19 00-0166 | LF  |     | Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....   | 14.93                  | 1.72                 |
| 07 62 19 00-0167 | LF  |     | >5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....   | 18.73                  | 1.84                 |
| 07 62 19 00-0168 | LF  |     | >7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....   | 21.56                  | 2.07                 |

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

| MINOR                                                | CSI | UOM | DESCRIPTION                                                                                      | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 62 19 00-0169                                     | LF  |     | >9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                  | 26.07                     | 2.18                    |
| 07 62 19 00-0170                                     | LF  |     | >12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                 | 32.93                     | 2.29                    |
| <b>07 62 19 00-0171</b>                              |     |     | <b>24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)</b>                |                           |                         |
| 07 62 19 00-0172                                     | LF  |     | Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                    | 16.39                     | 1.72                    |
| 07 62 19 00-0173                                     | LF  |     | >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                   | 20.69                     | 1.84                    |
| 07 62 19 00-0174                                     | LF  |     | >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                   | 23.88                     | 2.07                    |
| 07 62 19 00-0175                                     | LF  |     | >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                  | 29.00                     | 2.18                    |
| 07 62 19 00-0176                                     | LF  |     | >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....                 | 36.83                     | 2.29                    |
| <b>07 62 19 00-0177</b>                              |     |     | <b>Stainless Steel Drip Edge (07 62 19 00-0001)</b>                                              |                           |                         |
|                                                      |     |     | Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.                   |                           |                         |
| <b>07 62 19 00-0178</b>                              |     |     | <b>26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>                                    |                           |                         |
| 07 62 19 00-0179                                     | LF  |     | Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge .....                                        | 20.52                     | 1.72                    |
| 07 62 19 00-0180                                     | LF  |     | >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge .....                                       | 26.10                     | 1.84                    |
| 07 62 19 00-0181                                     | LF  |     | >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge .....                                       | 30.39                     | 2.07                    |
| 07 62 19 00-0182                                     | LF  |     | >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge .....                                      | 37.27                     | 2.18                    |
| 07 62 19 00-0183                                     | LF  |     | >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge .....                                     | 47.85                     | 2.29                    |
| <b>07 62 19 00-0184</b>                              |     |     | <b>24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>                                    |                           |                         |
| 07 62 19 00-0185                                     | LF  |     | Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge .....                                        | 25.36                     | 1.72                    |
| 07 62 19 00-0186                                     | LF  |     | >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge .....                                       | 32.55                     | 1.84                    |
| 07 62 19 00-0187                                     | LF  |     | >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge .....                                       | 38.08                     | 2.07                    |
| 07 62 19 00-0188                                     | LF  |     | >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge .....                                      | 46.94                     | 2.18                    |
| 07 62 19 00-0189                                     | LF  |     | >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge .....                                     | 60.74                     | 2.29                    |
| <b>07 62 19 00-0190</b>                              |     |     | <b>22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>                                    |                           |                         |
| 07 62 19 00-0191                                     | LF  |     | Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge .....                                        | 31.05                     | 1.72                    |
| 07 62 19 00-0192                                     | LF  |     | >5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge .....                                       | 40.14                     | 1.84                    |
| 07 62 19 00-0193                                     | LF  |     | >7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge .....                                       | 47.08                     | 2.07                    |
| 07 62 19 00-0194                                     | LF  |     | >9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge .....                                      | 58.32                     | 2.18                    |
| 07 62 19 00-0195                                     | LF  |     | >12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge .....                                     | 75.92                     | 2.29                    |
| <b>07 63 Sheet Metal Roofing Specialties (07 60)</b> |     |     |                                                                                                  |                           |                         |
| <b>07 63 00 00-0001</b>                              |     |     | <b>Pitch Pockets (07 63)</b>                                                                     |                           |                         |
|                                                      |     |     | Note: Cut into deck, filled with non-shrink grout, includes blocking.                            |                           |                         |
| <b>07 63 00 00-0002</b>                              |     |     | <b>24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)</b> |                           |                         |
| 07 63 00 00-0003                                     | EA  |     | 4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....              | 86.30                     |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 39.41                     |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 19.71                     |                         |
| 07 63 00 00-0004                                     | EA  |     | 6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....              | 104.82                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 88.72                     |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 44.48                     |                         |
| 07 63 00 00-0005                                     | EA  |     | 8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....              | 128.62                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 157.63                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 78.64                     |                         |
| 07 63 00 00-0006                                     | EA  |     | 8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....             | 141.72                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 197.04                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 98.84                     |                         |
| 07 63 00 00-0007                                     | EA  |     | 8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....             | 154.13                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 236.45                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 118.24                    |                         |
| 07 63 00 00-0008                                     | SF  |     | 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                      | 182.63                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 354.67                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 176.24                    |                         |
| <b>07 63 00 00-0009</b>                              |     |     | <b>16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)</b>     |                           |                         |
| 07 63 00 00-0010                                     | EA  |     | 4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                  | 97.82                     |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 39.41                     |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 19.71                     |                         |
| 07 63 00 00-0011                                     | EA  |     | 6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                  | 118.01                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 88.72                     |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 44.48                     |                         |
| 07 63 00 00-0012                                     | EA  |     | 8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                  | 144.50                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 157.63                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 78.64                     |                         |
| 07 63 00 00-0013                                     | EA  |     | 8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                 | 160.86                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 197.04                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 98.84                     |                         |
| 07 63 00 00-0014                                     | EA  |     | 8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket .....                 | 173.68                    |                         |
|                                                      |     |     | For Pourable Sealer Filled, Add .....                                                            | 236.45                    |                         |
|                                                      |     |     | For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add .....   | 118.24                    |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                           | TOTAL DIRECT UNIT COST     | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------|
| 07 63 00 00-0015 | SF  |     | 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>                   | 203.61<br>354.67<br>176.24 |                      |
| 07 63 00 00-0016 |     |     | 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)                                                                                                                                        |                            |                      |
| 07 63 00 00-0017 | EA  |     | 4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>  | 99.39<br>39.41<br>19.71    |                      |
| 07 63 00 00-0018 | EA  |     | 6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>  | 119.18<br>88.72<br>44.48   |                      |
| 07 63 00 00-0019 | EA  |     | 8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>  | 139.47<br>157.63<br>78.64  |                      |
| 07 63 00 00-0020 | EA  |     | 8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i> | 151.84<br>197.04<br>98.84  |                      |
| 07 63 00 00-0021 | EA  |     | 8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i> | 163.35<br>236.45<br>118.24 |                      |
| 07 63 00 00-0022 | SF  |     | 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>          | 189.95<br>354.67<br>176.24 |                      |
| 07 63 00 00-0023 |     |     | Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00 00-0001)<br>Note: Includes removing existing filler and refilling with non-shrink grout.                                                              |                            |                      |
| 07 63 00 00-0024 | EA  |     | Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>        | 76.27<br>39.41<br>19.71    |                      |
| 07 63 00 00-0025 | EA  |     | Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>        | 87.88<br>88.72<br>44.48    |                      |
| 07 63 00 00-0026 | EA  |     | Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>        | 103.31<br>157.63<br>78.64  |                      |
| 07 63 00 00-0027 | EA  |     | Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>       | 113.09<br>197.04<br>98.84  |                      |
| 07 63 00 00-0028 | EA  |     | Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>       | 122.87<br>236.45<br>118.24 |                      |
| 07 63 00 00-0029 | SF  |     | Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....<br><i>For Pourable Sealer Filled, Add</i><br><i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>                | 147.61<br>354.67<br>176.24 |                      |
| 07 63 00 00-0030 |     |     | Lead Pipe Flashing For Roofs (07 63)<br>Note: Includes 6" skirt base.                                                                                                                                                                 |                            |                      |
| 07 63 00 00-0031 | EA  |     | 1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....                                                                                                                                                    | 93.25                      | 29.30                |
| 07 63 00 00-0032 | EA  |     | 1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....                                                                                                                                                      | 93.25                      | 29.30                |
| 07 63 00 00-0033 | EA  |     | 2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....                                                                                                                                                      | 112.67                     | 29.30                |
| 07 63 00 00-0034 | EA  |     | 3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....                                                                                                                                                      | 123.77                     | 29.30                |
| 07 63 00 00-0035 | EA  |     | 4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe.....                                                                                                                                                  | 129.32                     | 29.30                |
| 07 63 00 00-0036 | EA  |     | 4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....                                                                                                                                                      | 132.09                     | 29.30                |
| 07 63 00 00-0037 | EA  |     | 6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....                                                                                                                                                      | 159.83                     | 29.30                |
| 07 63 00 00-0038 | EA  |     | 8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....                                                                                                                                                      | 172.32                     | 29.30                |
| 07 63 00 00-0039 |     |     | Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (07 63)                                                                                                                                                               |                            |                      |
| 07 63 00 00-0040 | EA  |     | 2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....                                                                                                                                            | 80.12                      | 18.94                |
| 07 63 00 00-0041 | EA  |     | 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....                                                                                                                                            | 81.44                      | 18.94                |
| 07 63 00 00-0042 | EA  |     | 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....                                                                                                                                            | 86.25                      | 18.94                |
| 07 63 00 00-0043 | EA  |     | 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....                                                                                                                                            | 90.39                      | 18.94                |
| 07 65            |     |     | Flexible Flashing (07 60)                                                                                                                                                                                                             |                            |                      |
| 07 65 16         |     |     | Modified Bituminous Sheet Flashing (07 65)                                                                                                                                                                                            |                            |                      |
| 07 65 16 00-0001 |     |     | Liquid Flashing System For Modified And BUR Systems (07 65 16)<br>See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.                                                                                               |                            |                      |
| 07 65 16 00-0002 | SF  |     | 60 Mil, Urethane Elastomer Liquid Applied Flashing.....<br>Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 30 mil second coat.                                       | 14.13                      | 2.17                 |
| 07 65 19         |     |     | Plastic Sheet Flashing (07 65)                                                                                                                                                                                                        |                            |                      |
| 07 65 19 00-0001 |     |     | Plastic Flashing And Trim (07 65 19)                                                                                                                                                                                                  |                            |                      |

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 65 Flexible Flashing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 65 19 00-0002 Neoprene Flashing** (07 65 19 00-0001)**07 65 19 00-0003 60 Mil Thick** (07 65 19 00-0002)

|                  |    |                                                 |       |      |
|------------------|----|-------------------------------------------------|-------|------|
| 07 65 19 00-0004 | LF | 6" Wide Strip, 60 Mil, Neoprene Flashing .....  | 9.76  | 3.09 |
| 07 65 19 00-0005 | LF | 12" Wide Strip, 60 Mil, Neoprene Flashing ..... | 13.03 | 3.32 |
| 07 65 19 00-0006 | LF | 18" Wide Strip, 60 Mil, Neoprene Flashing ..... | 16.63 | 3.66 |
| 07 65 19 00-0007 | LF | 24" Wide Strip, 60 Mil, Neoprene Flashing ..... | 20.44 | 4.13 |

**07 65 33 Flexible Roof Boot** (07 65)**07 65 33 00-0001 Neoprene Roof Boot** (07 65 33)

|                  |    |                                            |       |       |
|------------------|----|--------------------------------------------|-------|-------|
| 07 65 33 00-0002 | EA | 2" Diameter Pipe, Neoprene Roof Boot ..... | 52.70 | 9.52  |
| 07 65 33 00-0003 | EA | 3" Diameter Pipe, Neoprene Roof Boot ..... | 62.80 | 10.66 |
| 07 65 33 00-0004 | EA | 4" Diameter Pipe, Neoprene Roof Boot ..... | 70.44 | 11.47 |

**07 70 Roof and Wall Specialties and Accessories** (07)**07 71 Roof Specialties** (07 70)**07 71 13 Manufactured Copings** (07 71)**07 71 13 00-0001 Galvanized Steel Copings** (07 71 13)**07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats** (07 71 13 00-0001)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

|                  |    |                                                                                                                                |       |      |
|------------------|----|--------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 07 71 13 00-0003 | LF | 10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....  | 34.30 | 2.48 |
|                  |    | For Up To 25 LF, Add .....                                                                                                     | 5.08  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                                   | 2.54  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                                    | -0.41 |      |
| 07 71 13 00-0004 | LF | >14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats ..... | 36.19 | 2.68 |
|                  |    | For Up To 25 LF, Add .....                                                                                                     | 5.41  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                                   | 2.70  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                                    | -0.45 |      |
| 07 71 13 00-0005 | LF | >16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats ..... | 41.25 | 2.82 |
|                  |    | For Up To 25 LF, Add .....                                                                                                     | 6.01  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                                   | 3.00  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                                    | -0.47 |      |
| 07 71 13 00-0006 | LF | >22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats ..... | 47.91 | 3.09 |
|                  |    | For Up To 25 LF, Add .....                                                                                                     | 6.86  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                                   | 3.43  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                                    | -0.52 |      |
| 07 71 13 00-0007 | LF | >30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats ..... | 57.87 | 3.23 |
|                  |    | For Up To 25 LF, Add .....                                                                                                     | 7.94  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                                   | 3.97  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                                    | -0.54 |      |

**07 71 13 00-0008 Aluminum Copings** (07 71 13)**07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

**07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0009)

|                  |    |                                                                                                                      |       |      |
|------------------|----|----------------------------------------------------------------------------------------------------------------------|-------|------|
| 07 71 13 00-0011 | LF | 10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....  | 27.26 | 2.48 |
|                  |    | For Up To 25 LF, Add .....                                                                                           | 4.38  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                         | 2.19  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                          | -0.41 |      |
| 07 71 13 00-0012 | LF | >14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 29.10 | 2.68 |
|                  |    | For Up To 25 LF, Add .....                                                                                           | 4.70  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                         | 2.35  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                          | -0.45 |      |
| 07 71 13 00-0013 | LF | >16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 33.91 | 2.82 |
|                  |    | For Up To 25 LF, Add .....                                                                                           | 5.27  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                         | 2.64  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                          | -0.47 |      |
| 07 71 13 00-0014 | LF | >22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 40.47 | 3.09 |
|                  |    | For Up To 25 LF, Add .....                                                                                           | 6.11  |      |
|                  |    | For >25 To 100 LF, Add .....                                                                                         | 3.06  |      |
|                  |    | For >1,000 LF, Deduct .....                                                                                          | -0.52 |      |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                   | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 13 00-0015 | LF  |     | >30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 50.24                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.18                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.59                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                  |                      |
| 07 71 13 00-0016 |     |     | 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)                                                                             |                        |                      |
| 07 71 13 00-0017 | LF  |     | 10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                            | 29.58                  | 2.48                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 4.61                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.31                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                  |                      |
| 07 71 13 00-0018 | LF  |     | >14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 31.57                  | 2.68                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 4.95                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.47                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                  |                      |
| 07 71 13 00-0019 | LF  |     | >16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 36.83                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.56                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.78                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.47                  |                      |
| 07 71 13 00-0020 | LF  |     | >22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 44.00                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.46                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.23                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.52                  |                      |
| 07 71 13 00-0021 | LF  |     | >30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 54.73                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.63                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.81                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                  |                      |
| 07 71 13 00-0022 |     |     | 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)                                                                             |                        |                      |
| 07 71 13 00-0023 | LF  |     | 10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                            | 31.48                  | 2.48                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 4.80                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.40                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                  |                      |
| 07 71 13 00-0024 | LF  |     | >14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 33.77                  | 2.68                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.17                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.58                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                  |                      |
| 07 71 13 00-0025 | LF  |     | >16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 40.46                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.93                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.96                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.47                  |                      |
| 07 71 13 00-0026 | LF  |     | >22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 50.50                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.11                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.56                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.52                  |                      |
| 07 71 13 00-0027 | LF  |     | >30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                           | 65.26                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 8.68                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 4.34                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                  |                      |
| 07 71 13 00-0028 |     |     | KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)                                                                                     |                        |                      |
|                  |     |     | Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. |                        |                      |
| 07 71 13 00-0029 |     |     | 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)                                                                       |                        |                      |
| 07 71 13 00-0030 | LF  |     | 10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                      | 37.67                  | 2.48                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.42                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.71                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                  |                      |
| 07 71 13 00-0031 | LF  |     | >14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                     | 40.19                  | 2.68                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.81                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.90                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                  |                      |
| 07 71 13 00-0032 | LF  |     | >16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                     | 47.05                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.59                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.29                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.47                  |                      |
| 07 71 13 00-0033 | LF  |     | >22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....                                                     | 56.35                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.70                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.85                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.52                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 13 00-0034 | LF  |     | >30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 70.42                     | 3.23                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 9.20                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 4.60                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                     |                         |
| 07 71 13 00-0035 |     |     | <b>0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0028)                                                                |                           |                         |
| 07 71 13 00-0036 | LF  |     | 10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                           | 41.03                     | 2.48                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.76                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.88                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                     |                         |
| 07 71 13 00-0037 | LF  |     | >14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 43.76                     | 2.68                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.16                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.08                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                     |                         |
| 07 71 13 00-0038 | LF  |     | >16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 51.28                     | 2.82                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.01                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.50                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.47                     |                         |
| 07 71 13 00-0039 | LF  |     | >22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 61.47                     | 3.09                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 8.21                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 4.11                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.52                     |                         |
| 07 71 13 00-0040 | LF  |     | >30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 76.93                     | 3.23                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 9.85                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 4.92                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                     |                         |
| 07 71 13 00-0041 |     |     | <b>0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0028)                                                                |                           |                         |
| 07 71 13 00-0042 | LF  |     | 10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                           | 43.78                     | 2.48                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.03                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.02                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                     |                         |
| 07 71 13 00-0043 | LF  |     | >14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 46.95                     | 2.68                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.48                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.24                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                     |                         |
| 07 71 13 00-0044 | LF  |     | >16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 56.55                     | 2.82                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 7.54                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.77                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.47                     |                         |
| 07 71 13 00-0045 | LF  |     | >22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 70.91                     | 3.09                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 9.16                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 4.58                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.52                     |                         |
| 07 71 13 00-0046 | LF  |     | >30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats                                                          | 92.20                     | 3.23                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 11.38                     |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 5.69                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.54                     |                         |
| 07 71 13 00-0047 |     |     | <b>Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0008)                                                                          |                           |                         |
|                  |     |     | Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. |                           |                         |
| 07 71 13 00-0048 |     |     | <b>0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0047)                                                            |                           |                         |
| 07 71 13 00-0049 | LF  |     | 10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats                                                       | 39.69                     | 2.48                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 5.62                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 2.81                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.41                     |                         |
| 07 71 13 00-0050 | LF  |     | >14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats                                                      | 42.33                     | 2.68                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                                                                          | 6.02                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                                                                                        | 3.01                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                                                                         | -0.45                     |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 13 00-0051 | LF  |     | >16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 49.59                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 6.64                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.42                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.47                  |                      |
| 07 71 13 00-0052 | LF  |     | >22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 59.43                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 8.01                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 4.00                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.52                  |                      |
| 07 71 13 00-0053 | LF  |     | >30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 74.33                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 9.59                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 4.79                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.54                  |                      |
| 07 71 13 00-0054 |     |     | 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)                    |                        |                      |
| 07 71 13 00-0055 | LF  |     | 10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....  | 43.24                  | 2.48                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 5.98                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 2.99                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.41                  |                      |
| 07 71 13 00-0056 | LF  |     | >14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 46.12                  | 2.68                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 6.40                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.20                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.45                  |                      |
| 07 71 13 00-0057 | LF  |     | >16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 54.08                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 7.29                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.64                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.47                  |                      |
| 07 71 13 00-0058 | LF  |     | >22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 64.85                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 8.55                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 4.27                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.52                  |                      |
| 07 71 13 00-0059 | LF  |     | >30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 81.22                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 10.28                  |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 5.14                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.54                  |                      |
| 07 71 13 00-0060 |     |     | 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)                    |                        |                      |
| 07 71 13 00-0061 | LF  |     | 10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....  | 46.16                  | 2.48                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 6.27                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.13                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.41                  |                      |
| 07 71 13 00-0062 | LF  |     | >14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 49.50                  | 2.68                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 6.74                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.37                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.45                  |                      |
| 07 71 13 00-0063 | LF  |     | >16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 59.66                  | 2.82                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 7.85                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 3.92                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.47                  |                      |
| 07 71 13 00-0064 | LF  |     | >22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 74.85                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 9.55                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 4.77                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.52                  |                      |
| 07 71 13 00-0065 | LF  |     | >30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats ..... | 97.40                  | 3.23                 |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 11.90                  |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 5.95                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.54                  |                      |
| 07 71 13 00-0066 |     |     | Removal And Reinstallation Of Metal Coping (07 71 13)                                                                          |                        |                      |
|                  |     |     | Note: Includes storage, cleaning and supply materials.                                                                         |                        |                      |
| 07 71 13 00-0067 | LF  |     | Removal And Reinstallation Of Metal Coping .....                                                                               | 8.23                   |                      |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                     | 4.12                   |                      |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                   | 2.06                   |                      |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                    | -0.82                  |                      |

07 71 19      **Manufactured Gravel Stops and Fasciae** (07 71)

|              |                                                  |
|--------------|--------------------------------------------------|
| <b>07</b>    | <b>Thermal And Moisture Protection</b>           |
| <b>07 70</b> | <b>Roof and Wall Specialties and Accessories</b> |
| <b>07 71</b> | <b>Roof Specialties</b>                          |



| MINOR            | CSI | UOM | DESCRIPTION                                                                         | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 19 00-0001 |     |     | Gravel Stop (07 71 19)                                                              |                           |                         |
| 07 71 19 00-0002 |     |     | Aluminum Gravel Stop (07 71 19 00-0001)                                             |                           |                         |
| 07 71 19 00-0003 |     |     | Aluminum Gravel Stop (07 71 19 00-0002)                                             |                           |                         |
| 07 71 19 00-0004 |     |     | KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)                          |                           |                         |
| 07 71 19 00-0005 |     |     | 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)            |                           |                         |
| 07 71 19 00-0006 | LF  |     | 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....    | 38.72                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.16                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.08                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.57                     |                         |
| 07 71 19 00-0007 | LF  |     | >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....  | 40.03                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.71                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.36                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.68                     |                         |
| 07 71 19 00-0008 | LF  |     | >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop..... | 41.37                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 7.21                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.60                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.77                     |                         |
| 07 71 19 00-0009 |     |     | 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)            |                           |                         |
| 07 71 19 00-0010 | LF  |     | 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....    | 41.15                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.41                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.20                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.57                     |                         |
| 07 71 19 00-0011 | LF  |     | >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....  | 42.56                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.96                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.48                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.68                     |                         |
| 07 71 19 00-0012 | LF  |     | >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop..... | 44.04                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 7.48                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.74                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.77                     |                         |
| 07 71 19 00-0013 |     |     | 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)            |                           |                         |
| 07 71 19 00-0014 | LF  |     | 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....    | 44.31                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.72                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.36                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.57                     |                         |
| 07 71 19 00-0015 | LF  |     | >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....  | 45.59                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 7.27                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.63                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.68                     |                         |
| 07 71 19 00-0016 | LF  |     | >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop..... | 47.41                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 7.81                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.91                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.77                     |                         |
| 07 71 19 00-0017 |     |     | 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)            |                           |                         |
| 07 71 19 00-0018 | LF  |     | 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....    | 46.46                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.94                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.47                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.57                     |                         |
| 07 71 19 00-0019 | LF  |     | >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....  | 47.82                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 7.49                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.75                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.68                     |                         |
| 07 71 19 00-0020 | LF  |     | >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop..... | 49.76                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 8.05                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 4.02                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.77                     |                         |
| 07 71 19 00-0021 |     |     | Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)                                |                           |                         |
| 07 71 19 00-0022 |     |     | 0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)                  |                           |                         |
| 07 71 19 00-0023 | LF  |     | 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....          | 25.26                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 4.82                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 2.41                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.57                     |                         |
| 07 71 19 00-0024 | LF  |     | >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....        | 27.24                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 5.43                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 2.72                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.68                     |                         |
| 07 71 19 00-0025 | LF  |     | >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....       | 29.23                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                | 6.00                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                              | 3.00                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                               | -0.77                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                              | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 19 00-0026 |     |     | 0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)                       |                        |                      |
| 07 71 19 00-0027 | LF  |     | 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop .....              | 27.28                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 5.02                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 2.51                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |
| 07 71 19 00-0028 | LF  |     | >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop .....            | 28.99                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 5.61                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 2.50                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.68                  |                      |
| 07 71 19 00-0029 | LF  |     | >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop .....           | 30.57                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 6.13                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.06                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.77                  |                      |
| 07 71 19 00-0030 |     |     | 0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)                       |                        |                      |
| 07 71 19 00-0031 | LF  |     | 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop .....              | 29.30                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 5.22                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 2.61                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |
| 07 71 19 00-0032 | LF  |     | >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop .....            | 31.01                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 5.81                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 2.90                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.68                  |                      |
| 07 71 19 00-0033 | LF  |     | >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop .....           | 32.76                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 6.35                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.17                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.77                  |                      |
| 07 71 19 00-0034 |     |     | 0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)                       |                        |                      |
| 07 71 19 00-0035 | LF  |     | 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....              | 31.49                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 5.44                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 2.72                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |
| 07 71 19 00-0036 | LF  |     | >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....            | 33.03                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 6.01                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.01                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.68                  |                      |
| 07 71 19 00-0037 | LF  |     | >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....           | 34.39                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 6.51                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.26                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.77                  |                      |
| 07 71 19 00-0038 |     |     | Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)                           |                        |                      |
| 07 71 19 00-0039 |     |     | 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)             |                        |                      |
| 07 71 19 00-0040 | LF  |     | 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....    | 46.19                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 6.91                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.46                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |
| 07 71 19 00-0041 | LF  |     | >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....  | 47.82                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 7.49                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.75                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.68                  |                      |
| 07 71 19 00-0042 | LF  |     | >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop ..... | 49.27                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 8.00                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 4.00                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.77                  |                      |
| 07 71 19 00-0043 |     |     | 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)             |                        |                      |
| 07 71 19 00-0044 | LF  |     | 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....    | 49.11                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 7.20                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.60                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |
| 07 71 19 00-0045 | LF  |     | >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....  | 50.86                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 7.79                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.90                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.68                  |                      |
| 07 71 19 00-0046 | LF  |     | >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop ..... | 52.46                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 8.32                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 4.16                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.77                  |                      |
| 07 71 19 00-0047 |     |     | 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)             |                        |                      |
| 07 71 19 00-0048 | LF  |     | 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....    | 52.91                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                     | 7.58                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                   | 3.79                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                    | -0.57                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 19 00-0049 | LF  |     | >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....                           | 54.50                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.16                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.08                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.68                     |                         |
| 07 71 19 00-0050 | LF  |     | >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....                          | 55.83                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.66                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.33                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.77                     |                         |
| 07 71 19 00-0051 |     |     | <b>0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop</b> (07 71 19 00-0038)                               |                           |                         |
| 07 71 19 00-0052 | LF  |     | 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....                             | 55.48                     | 1.95                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 7.84                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.92                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.57                     |                         |
| 07 71 19 00-0053 | LF  |     | >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....                           | 57.17                     | 2.29                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.43                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.21                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.68                     |                         |
| 07 71 19 00-0054 | LF  |     | >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....                          | 58.60                     | 2.52                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.93                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.47                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.77                     |                         |
| 07 71 19 00-0055 |     |     | <b>Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0002)                                       |                           |                         |
|                  |     |     | Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.                |                           |                         |
| 07 71 19 00-0056 |     |     | <b>KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0055)                    |                           |                         |
| 07 71 19 00-0057 |     |     | <b>0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)      |                           |                         |
| 07 71 19 00-0058 | LF  |     | 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....    | 43.68                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 6.89                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.45                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.63                     |                         |
| 07 71 19 00-0059 | LF  |     | >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....  | 46.43                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 7.62                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.81                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.75                     |                         |
| 07 71 19 00-0060 | LF  |     | >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat ..... | 49.58                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.35                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.18                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.85                     |                         |
| 07 71 19 00-0061 |     |     | <b>0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)      |                           |                         |
| 07 71 19 00-0062 | LF  |     | 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....    | 46.11                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 7.14                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.57                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.63                     |                         |
| 07 71 19 00-0063 | LF  |     | >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....  | 48.96                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 7.88                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.94                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.75                     |                         |
| 07 71 19 00-0064 | LF  |     | >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat ..... | 52.25                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.62                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.31                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.85                     |                         |
| 07 71 19 00-0065 |     |     | <b>0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)      |                           |                         |
| 07 71 19 00-0066 | LF  |     | 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....    | 49.27                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 7.45                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 3.73                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.63                     |                         |
| 07 71 19 00-0067 | LF  |     | >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....  | 51.99                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.18                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.09                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.75                     |                         |
| 07 71 19 00-0068 | LF  |     | >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat ..... | 55.62                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                              | 8.95                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                            | 4.48                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                             | -0.85                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                      | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 19 00-0069 |     |     | 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)            |                        |                      |
| 07 71 19 00-0070 | LF  |     | 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....    | 51.42                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 7.67                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.83                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.63                  |                      |
| 07 71 19 00-0071 | LF  |     | >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....  | 54.22                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 8.40                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 4.20                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.75                  |                      |
| 07 71 19 00-0072 | LF  |     | >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat..... | 57.97                  | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 9.19                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 4.59                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.85                  |                      |
| 07 71 19 00-0073 |     |     | Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)                                |                        |                      |
| 07 71 19 00-0074 |     |     | 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)                  |                        |                      |
| 07 71 19 00-0075 | LF  |     | 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....          | 32.08                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 5.73                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 2.87                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.63                  |                      |
| 07 71 19 00-0076 | LF  |     | >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....        | 34.33                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.41                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.21                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.75                  |                      |
| 07 71 19 00-0077 | LF  |     | >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....       | 36.93                  | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 7.09                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.54                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.85                  |                      |
| 07 71 19 00-0078 |     |     | 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)                  |                        |                      |
| 07 71 19 00-0079 | LF  |     | 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....          | 33.76                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 5.90                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 2.95                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.63                  |                      |
| 07 71 19 00-0080 | LF  |     | >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....        | 36.08                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.59                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.29                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.75                  |                      |
| 07 71 19 00-0081 | LF  |     | >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....       | 38.78                  | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 7.27                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.64                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.85                  |                      |
| 07 71 19 00-0082 |     |     | 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)                  |                        |                      |
| 07 71 19 00-0083 | LF  |     | 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....          | 35.94                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.12                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.06                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.63                  |                      |
| 07 71 19 00-0084 | LF  |     | >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....        | 38.17                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.80                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.40                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.75                  |                      |
| 07 71 19 00-0085 | LF  |     | >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....       | 40.97                  | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 7.49                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.74                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.85                  |                      |
| 07 71 19 00-0086 |     |     | 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)                  |                        |                      |
| 07 71 19 00-0087 | LF  |     | 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....          | 37.42                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.27                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.13                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.63                  |                      |
| 07 71 19 00-0088 | LF  |     | >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....        | 39.71                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                                             | 6.95                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                           | 3.48                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                            | -0.75                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 19 00-0089 | LF  |     | >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....           | 42.59                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 7.65                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 3.83                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.85                     |                         |
| 07 71 19 00-0090 |     |     | Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)                          |                           |                         |
| 07 71 19 00-0091 |     |     | 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)            |                           |                         |
| 07 71 19 00-0092 | LF  |     | 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....    | 51.15                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 7.64                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 3.82                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.63                     |                         |
| 07 71 19 00-0093 | LF  |     | >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....  | 54.23                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 8.40                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.20                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.75                     |                         |
| 07 71 19 00-0094 | LF  |     | >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... | 57.48                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 9.14                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.57                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.85                     |                         |
| 07 71 19 00-0095 |     |     | 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)            |                           |                         |
| 07 71 19 00-0096 | LF  |     | 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....    | 54.06                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 7.93                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 3.97                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.63                     |                         |
| 07 71 19 00-0097 | LF  |     | >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....  | 57.27                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 8.71                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.35                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.75                     |                         |
| 07 71 19 00-0098 | LF  |     | >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... | 60.67                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 9.46                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.73                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.85                     |                         |
| 07 71 19 00-0099 |     |     | 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)            |                           |                         |
| 07 71 19 00-0100 | LF  |     | 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....    | 57.86                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 8.31                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.16                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.63                     |                         |
| 07 71 19 00-0101 | LF  |     | >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....  | 60.90                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 9.07                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.54                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.75                     |                         |
| 07 71 19 00-0102 | LF  |     | >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... | 64.03                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 9.80                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.90                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.85                     |                         |
| 07 71 19 00-0103 |     |     | 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)            |                           |                         |
| 07 71 19 00-0104 | LF  |     | 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....    | 60.44                     | 2.07                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 8.57                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.28                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.63                     |                         |
| 07 71 19 00-0105 | LF  |     | >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....  | 63.57                     | 2.47                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 9.34                      |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 4.67                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.75                     |                         |
| 07 71 19 00-0106 | LF  |     | >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... | 66.81                     | 2.81                    |
|                  |     |     | For Up To 25 LF, Add                                                                                                 | 10.07                     |                         |
|                  |     |     | For >25 To 100 LF, Add                                                                                               | 5.04                      |                         |
|                  |     |     | For >1,000 LF, Deduct                                                                                                | -0.85                     |                         |
| 07 71 19 00-0107 |     |     | Stainless Steel Gravel Stop (07 71 19 00-0001)                                                                       |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 19 00-0108 |     |     | Stainless Steel Gravel Stop (07 71 19 00-0107)                                                     |                        |                      |
| 07 71 19 00-0109 |     |     | 26 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)                                           |                        |                      |
| 07 71 19 00-0110 | LF  |     | 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....                                   | 37.12                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 6.00                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.00                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.57                  |                      |
| 07 71 19 00-0111 | LF  |     | >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop .....                                | 48.78                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 7.59                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.79                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.68                  |                      |
| 07 71 19 00-0112 | LF  |     | >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop .....                               | 72.35                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 10.31                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 5.15                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.77                  |                      |
| 07 71 19 00-0113 |     |     | 24 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)                                           |                        |                      |
| 07 71 19 00-0114 | LF  |     | 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....                                   | 46.22                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 6.91                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.46                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.57                  |                      |
| 07 71 19 00-0115 | LF  |     | >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop .....                                | 60.92                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 8.80                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 4.40                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.68                  |                      |
| 07 71 19 00-0116 | LF  |     | >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop .....                               | 90.56                  | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 12.13                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 6.06                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.77                  |                      |
| 07 71 19 00-0117 |     |     | 22 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)                                           |                        |                      |
| 07 71 19 00-0118 | LF  |     | 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....                                   | 55.90                  | 1.95                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 7.88                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.94                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.57                  |                      |
| 07 71 19 00-0119 | LF  |     | >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop .....                                | 73.82                  | 2.29                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 10.09                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 5.05                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.68                  |                      |
| 07 71 19 00-0120 | LF  |     | >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop .....                               | 109.91                 | 2.52                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 14.06                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 7.03                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.77                  |                      |
| 07 71 19 00-0121 |     |     | Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0107)                        |                        |                      |
|                  |     |     | Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners. |                        |                      |
| 07 71 19 00-0122 |     |     | 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)              |                        |                      |
| 07 71 19 00-0123 | LF  |     | 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....      | 43.86                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 6.91                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.46                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.63                  |                      |
| 07 71 19 00-0124 | LF  |     | >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....    | 57.52                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 8.73                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 4.37                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.75                  |                      |
| 07 71 19 00-0125 | LF  |     | >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....   | 83.59                  | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 11.75                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 5.88                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.85                  |                      |
| 07 71 19 00-0126 |     |     | 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)              |                        |                      |
| 07 71 19 00-0127 | LF  |     | 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....      | 52.97                  | 2.07                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 7.82                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 3.91                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.63                  |                      |
| 07 71 19 00-0128 | LF  |     | >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....    | 69.66                  | 2.47                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 9.95                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 4.97                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.75                  |                      |
| 07 71 19 00-0129 | LF  |     | >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....   | 101.79                 | 2.81                 |
|                  |     |     | For Up To 25 LF, Add                                                                               | 13.57                  |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                             | 6.79                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                              | -0.85                  |                      |
| 07 71 19 00-0130 |     |     | 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)              |                        |                      |

**07 Thermal And Moisture Protection****07 70 Roof and Wall Specialties and Accessories****07 71 Roof Specialties**

| MINOR            | CSI | UOM                                                                                                             | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 71 19 00-0131 | LF  | 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat                        | 62.64       | 2.07                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 8.79        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 4.39        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.63       |                           |                         |
| 07 71 19 00-0132 | LF  | >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat                      | 82.56       | 2.47                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 11.24       |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 5.62        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.75       |                           |                         |
| 07 71 19 00-0133 | LF  | >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat                     | 121.14      | 2.81                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 15.51       |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 7.75        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.85       |                           |                         |
| 07 71 19 00-0134 |     | Galvanized Steel Gravel Stop (07 71 19 00-0001)                                                                 |             |                           |                         |
| 07 71 19 00-0135 |     | Galvanized Steel Gravel Stop (07 71 19 00-0134)                                                                 |             |                           |                         |
| 07 71 19 00-0136 |     | KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)                                              |             |                           |                         |
| 07 71 19 00-0137 |     | 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0136)                                    |             |                           |                         |
| 07 71 19 00-0138 | LF  | 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop                                 | 35.52       | 1.95                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 5.84        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 2.92        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.57       |                           |                         |
| 07 71 19 00-0139 | LF  | >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop                               | 36.77       | 2.29                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 6.39        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 3.19        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.68       |                           |                         |
| 07 71 19 00-0140 | LF  | >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop                              | 38.27       | 2.52                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 6.90        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 3.45        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.77       |                           |                         |
| 07 71 19 00-0141 |     | Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134)                                    |             |                           |                         |
|                  |     | Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.              |             |                           |                         |
| 07 71 19 00-0142 |     | KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)                 |             |                           |                         |
| 07 71 19 00-0143 |     | 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)       |             |                           |                         |
| 07 71 19 00-0144 | LF  | 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat    | 40.62       | 2.07                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 6.59        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 3.29        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.63       |                           |                         |
| 07 71 19 00-0145 | LF  | >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat  | 43.36       | 2.47                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 7.32        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 3.66        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.75       |                           |                         |
| 07 71 19 00-0146 | LF  | >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat | 46.72       | 2.81                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 8.06        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 4.03        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.85       |                           |                         |
| 07 71 19 00-0147 |     | Copper Gravel Stop (07 71 19 00-0001)                                                                           |             |                           |                         |
| 07 71 19 00-0148 |     | Copper Gravel Stop (07 71 19 00-0147)                                                                           |             |                           |                         |
| 07 71 19 00-0149 |     | 20 Ounce, Copper Gravel Stop (07 71 19 00-0148)                                                                 |             |                           |                         |
| 07 71 19 00-0150 | LF  | 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop                                                              | 59.44       | 1.95                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 8.24        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 4.12        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.57       |                           |                         |
| 07 71 19 00-0151 | LF  | >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop                                                            | 68.07       | 2.29                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 9.52        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 4.76        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.68       |                           |                         |
| 07 71 19 00-0152 | LF  | >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop                                                           | 78.63       | 2.52                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 10.94       |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 5.47        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.77       |                           |                         |
| 07 71 19 00-0153 |     | 16 Ounce, Copper Gravel Stop (07 71 19 00-0148)                                                                 |             |                           |                         |
| 07 71 19 00-0154 | LF  | 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop                                                              | 72.18       | 1.95                      |                         |
|                  |     | For Up To 25 LF, Add                                                                                            | 9.51        |                           |                         |
|                  |     | For >25 To 100 LF, Add                                                                                          | 4.76        |                           |                         |
|                  |     | For >1,000 LF, Deduct                                                                                           | -0.57       |                           |                         |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                            | TOTAL DIRECT UNIT COST          | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------|
| 07 71 19 00-0155 | LF  |     | >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                                                   | 83.64<br>11.07<br>5.54<br>-0.68 | 2.29                 |
| 07 71 19 00-0156 | LF  |     | >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                                                  | 95.62<br>12.63<br>6.32<br>-0.77 | 2.52                 |
| 07 71 19 00-0157 |     |     | Copper Gravel Stop System With Continuous Cleat.....<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.                                             |                                 |                      |
| 07 71 19 00-0158 |     |     | 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.                                   |                                 |                      |
| 07 71 19 00-0159 | LF  |     | 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                        | 61.86<br>8.71<br>4.36<br>-0.63  | 2.07                 |
| 07 71 19 00-0160 | LF  |     | >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                      | 71.16<br>10.10<br>5.05<br>-0.75 | 2.47                 |
| 07 71 19 00-0161 | LF  |     | >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                     | 82.55<br>11.65<br>5.82<br>-0.85 | 2.81                 |
| 07 71 19 00-0162 |     |     | 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.                                   |                                 |                      |
| 07 71 19 00-0163 | LF  |     | 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                        | 74.60<br>9.98<br>4.99<br>-0.63  | 2.07                 |
| 07 71 19 00-0164 | LF  |     | >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                      | 86.73<br>11.65<br>5.83<br>-0.75 | 2.47                 |
| 07 71 19 00-0165 | LF  |     | >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct                                     | 99.54<br>13.35<br>6.67<br>-0.85 | 2.81                 |
| 07 71 19 00-0166 |     |     | Fascia.....                                                                                                                                                                                            |                                 |                      |
| 07 71 19 00-0167 |     |     | Snap-On Cover Fascia.....<br>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.                                                                        |                                 |                      |
| 07 71 19 00-0168 |     |     | Galvanized Steel Snap-On Cover Fascia.....                                                                                                                                                             |                                 |                      |
| 07 71 19 00-0169 |     |     | KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia.....                                                                                                                                          |                                 |                      |
| 07 71 19 00-0170 |     |     | 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia.....                                                                                                                                |                                 |                      |
| 07 71 19 00-0171 | LF  |     | 3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct  | 43.43<br>6.64<br>3.32<br>-0.57  | 2.86                 |
| 07 71 19 00-0172 | LF  |     | >5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct | 48.86<br>7.27<br>3.64<br>-0.60  | 2.98                 |
| 07 71 19 00-0173 | LF  |     | >7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....<br>For Up To 25 LF, Add<br>For >25 To 100 LF, Add<br>For >1,000 LF, Deduct | 52.34<br>7.71<br>3.86<br>-0.62  | 3.09                 |
| 07 71 19 00-0174 |     |     | Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                                                  |                                 |                      |
| 07 71 19 00-0175 |     |     | Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                                                 |                                 |                      |
| 07 71 19 00-0176 | EA  |     | Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                            | 302.60                          | 4.02                 |
| 07 71 19 00-0177 | EA  |     | Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                           | 323.21                          | 4.02                 |
| 07 71 19 00-0178 | EA  |     | Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                           | 336.15                          | 4.02                 |
| 07 71 19 00-0179 |     |     | Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                                     |                                 |                      |
| 07 71 19 00-0180 | EA  |     | Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....                                                                                | 246.48                          | 4.02                 |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 19 00-0181 | EA  |     | Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems .....   | 256.88                    | 4.02                    |
| 07 71 19 00-0182 | EA  |     | Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems .....   | 263.22                    | 4.02                    |
| 07 71 19 00-0183 |     |     | Aluminum Snap-On Cover Fascia (07 71 19 00-0167)                                                                            |                           |                         |
| 07 71 19 00-0184 |     |     | KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)                            |                           |                         |
| 07 71 19 00-0185 |     |     | 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)              |                           |                         |
| 07 71 19 00-0186 | LF  |     | 3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....     | 24.69                     | 2.86                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 4.76                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.38                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.57                     |                         |
| 07 71 19 00-0187 | LF  |     | >5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....    | 27.91                     | 2.98                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 5.18                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.59                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.60                     |                         |
| 07 71 19 00-0188 | LF  |     | >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....    | 29.62                     | 3.09                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 5.44                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.72                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.62                     |                         |
| 07 71 19 00-0189 |     |     | 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)              |                           |                         |
| 07 71 19 00-0190 | LF  |     | 3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....     | 25.93                     | 2.86                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 4.89                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.44                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.57                     |                         |
| 07 71 19 00-0191 | LF  |     | >5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....    | 29.50                     | 2.98                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 5.33                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.67                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.60                     |                         |
| 07 71 19 00-0192 | LF  |     | >7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat .....    | 31.40                     | 3.09                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 5.62                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.81                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.62                     |                         |
| 07 71 19 00-0193 |     |     | Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)                                 |                           |                         |
| 07 71 19 00-0194 |     |     | Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)                                |                           |                         |
| 07 71 19 00-0195 | EA  |     | Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....                        | 158.87                    | 4.02                    |
| 07 71 19 00-0196 | EA  |     | Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....                       | 172.27                    | 4.02                    |
| 07 71 19 00-0197 | EA  |     | Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....                       | 178.13                    | 4.02                    |
| 07 71 19 00-0198 |     |     | Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)                    |                           |                         |
| 07 71 19 00-0199 | EA  |     | Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....            | 125.84                    | 4.02                    |
| 07 71 19 00-0200 | EA  |     | Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....           | 132.52                    | 4.02                    |
| 07 71 19 00-0201 | EA  |     | Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems .....           | 135.44                    | 4.02                    |
| 07 71 19 00-0202 |     |     | Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)                        |                           |                         |
| 07 71 19 00-0203 |     |     | 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)          |                           |                         |
| 07 71 19 00-0204 | LF  |     | 3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat ..... | 28.48                     | 2.86                    |
|                  |     |     | For Up To 25 LF, Add .....                                                                                                  | 5.14                      |                         |
|                  |     |     | For >25 To 100 LF, Add .....                                                                                                | 2.57                      |                         |
|                  |     |     | For >1,000 LF, Deduct .....                                                                                                 | -0.57                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                 | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 71 19 00-0205 | LF  |     | >5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat..... | 32.30                  | 2.98                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                        | 5.61                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                      | 2.81                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                       | -0.60                  |                      |
| 07 71 19 00-0206 | LF  |     | >7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat..... | 34.30                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                        | 5.91                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                      | 2.96                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                       | -0.62                  |                      |
| 07 71 19 00-0207 |     |     | 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....                        |                        |                      |
| 07 71 19 00-0208 | LF  |     | 3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....  | 29.96                  | 2.86                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                        | 5.29                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                      | 2.64                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                       | -0.57                  |                      |
| 07 71 19 00-0209 | LF  |     | >5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat..... | 34.21                  | 2.98                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                        | 5.81                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                      | 2.90                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                       | -0.60                  |                      |
| 07 71 19 00-0210 | LF  |     | >7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat..... | 36.44                  | 3.09                 |
|                  |     |     | For Up To 25 LF, Add                                                                                                        | 6.12                   |                      |
|                  |     |     | For >25 To 100 LF, Add                                                                                                      | 3.06                   |                      |
|                  |     |     | For >1,000 LF, Deduct                                                                                                       | -0.62                  |                      |
| 07 71 19 00-0211 |     |     | Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                                           |                        |                      |
| 07 71 19 00-0212 |     |     | Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                                          |                        |                      |
| 07 71 19 00-0213 | EA  |     | Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                     | 196.58                 | 4.02                 |
| 07 71 19 00-0214 | EA  |     | Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                    | 213.33                 | 4.02                 |
| 07 71 19 00-0215 | EA  |     | Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                    | 220.66                 | 4.02                 |
| 07 71 19 00-0216 |     |     | Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....                              |                        |                      |
| 07 71 19 00-0217 | EA  |     | Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....         | 155.30                 | 4.02                 |
| 07 71 19 00-0218 | EA  |     | Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....        | 163.64                 | 4.02                 |
| 07 71 19 00-0219 | EA  |     | Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....        | 167.29                 | 4.02                 |
| 07 71 23         |     |     | Manufactured Gutters and Downspouts.....                                                                                    |                        |                      |
|                  |     |     | Note: Includes all necessary support straps.                                                                                |                        |                      |
| 07 71 23 00-0001 |     |     | Aluminum Gutters And Downspouts.....                                                                                        |                        |                      |
| 07 71 23 00-0002 |     |     | Aluminum Gutters.....                                                                                                       |                        |                      |
|                  |     |     | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.                               |                        |                      |
| 07 71 23 00-0003 |     |     | K-Style Aluminum Gutters.....                                                                                               |                        |                      |
| 07 71 23 00-0004 | LF  |     | 5", 0.027" Thick, K-Style Aluminum Gutter.....                                                                              | 10.38                  | 4.39                 |
|                  |     |     | For Up To 100', Add                                                                                                         | 2.12                   |                      |
|                  |     |     | For >100' To 250', Add                                                                                                      | 0.88                   |                      |
|                  |     |     | For >1,000', Deduct                                                                                                         | -0.72                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                                                                                  | 1.42                   |                      |
| 07 71 23 00-0005 | LF  |     | 6", 0.027" Thick, K-Style Aluminum Gutter.....                                                                              | 11.59                  | 4.62                 |
|                  |     |     | For Up To 100', Add                                                                                                         | 2.30                   |                      |
|                  |     |     | For >100' To 250', Add                                                                                                      | 0.96                   |                      |
|                  |     |     | For >1,000', Deduct                                                                                                         | -0.76                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                                                                                  | 1.80                   |                      |
| 07 71 23 00-0006 | LF  |     | 5", 0.032" Thick, K-Style Aluminum Gutter.....                                                                              | 10.83                  | 4.39                 |
|                  |     |     | For Up To 100', Add                                                                                                         | 2.17                   |                      |
|                  |     |     | For >100' To 250', Add                                                                                                      | 0.90                   |                      |
|                  |     |     | For >1,000', Deduct                                                                                                         | -0.72                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                                                                                  | 1.62                   |                      |
| 07 71 23 00-0007 | LF  |     | 6", 0.032" Thick, K-Style Aluminum Gutter.....                                                                              | 12.18                  | 4.62                 |
|                  |     |     | For Up To 100', Add                                                                                                         | 2.36                   |                      |
|                  |     |     | For >100' To 250', Add                                                                                                      | 0.99                   |                      |
|                  |     |     | For >1,000', Deduct                                                                                                         | -0.76                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                                                                                  | 2.07                   |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR                   | CSI | UOM                                                            | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|----------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 71 23 00-0008        | LF  | 7", 0.032" Thick, K-Style Aluminum Gutter .....                | 23.03       | 4.86                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.53        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.56        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.82       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 6.69        |                           |                         |
| 07 71 23 00-0009        | LF  | 8", 0.032" Thick, K-Style Aluminum Gutter .....                | 25.25       | 5.45                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.88        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.71        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.90       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 7.31        |                           |                         |
| 07 71 23 00-0010        | LF  | 8", 0.040" Thick, K-Style Aluminum Gutter .....                | 26.39       | 5.45                      |                         |
|                         |     | For Up To 100', Add .....                                      | 4.19        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.87        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.90       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 8.72        |                           |                         |
| <b>07 71 23 00-0011</b> |     | <b>Half Round Aluminum Gutters (07 71 23 00-0002)</b>          |             |                           |                         |
| 07 71 23 00-0012        | LF  | 5", 0.027" Thick, Half Round Aluminum Gutter .....             | 19.46       | 4.39                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.03        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.33        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.72       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 5.50        |                           |                         |
| 07 71 23 00-0013        | LF  | 6", 0.032" Thick, Half Round Aluminum Gutter .....             | 23.50       | 4.62                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.49        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.55        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.76       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 7.16        |                           |                         |
| <b>07 71 23 00-0014</b> |     | <b>Box Style Aluminum Gutters (07 71 23 00-0002)</b>           |             |                           |                         |
| 07 71 23 00-0015        | LF  | 6", 0.027" Thick, Box Style Aluminum Gutter .....              | 20.36       | 5.45                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.39        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.47        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.90       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 5.11        |                           |                         |
| 07 71 23 00-0016        | LF  | 6", 0.032" Thick, Box Style Aluminum Gutter .....              | 20.41       | 5.45                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.39        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.47        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.90       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 5.13        |                           |                         |
| 07 71 23 00-0017        | LF  | 7", 0.032" Thick, Box Style Aluminum Gutter .....              | 23.80       | 5.81                      |                         |
|                         |     | For Up To 100', Add .....                                      | 3.82        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.67        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -0.96       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 6.39        |                           |                         |
| 07 71 23 00-0018        | LF  | 8", 0.032" Thick, Box Style Aluminum Gutter .....              | 26.92       | 6.16                      |                         |
|                         |     | For Up To 100', Add .....                                      | 4.22        |                           |                         |
|                         |     | For >100' To 250', Add .....                                   | 1.86        |                           |                         |
|                         |     | For >1,000', Deduct .....                                      | -1.02       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 7.53        |                           |                         |
| <b>07 71 23 00-0019</b> |     | <b>Aluminum Gutter End Caps (07 71 23 00-0001)</b>             |             |                           |                         |
| <b>07 71 23 00-0020</b> |     | <b>K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)</b>    |             |                           |                         |
| 07 71 23 00-0021        | EA  | 5", K-Style Aluminum Gutter End Cap .....                      | 3.46        |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 0.49        |                           |                         |
| 07 71 23 00-0022        | EA  | 6", K-Style Aluminum Gutter End Cap .....                      | 4.35        |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 0.89        |                           |                         |
| 07 71 23 00-0023        | EA  | 7", K-Style Aluminum Gutter End Cap .....                      | 9.76        |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 3.33        |                           |                         |
| 07 71 23 00-0024        | EA  | 8", K-Style Aluminum Gutter End Cap .....                      | 11.41       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 4.07        |                           |                         |
| <b>07 71 23 00-0025</b> |     | <b>Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)</b> |             |                           |                         |
| 07 71 23 00-0026        | EA  | 5", Half Round Aluminum Gutter End Cap .....                   | 5.74        |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 1.52        |                           |                         |
| 07 71 23 00-0027        | EA  | 6", Half Round Aluminum Gutter End Cap .....                   | 9.02        |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 2.99        |                           |                         |
| <b>07 71 23 00-0028</b> |     | <b>Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)</b>  |             |                           |                         |
| 07 71 23 00-0029        | EA  | 6", Box Style Aluminum Gutter End Cap .....                    | 10.67       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 3.74        |                           |                         |
| 07 71 23 00-0030        | EA  | 7", Box Style Aluminum Gutter End Cap .....                    | 11.62       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 4.16        |                           |                         |
| 07 71 23 00-0031        | EA  | 8", Box Style Aluminum Gutter End Cap .....                    | 13.69       |                           |                         |
|                         |     | For Kynar 500® Finish, Add .....                               | 5.09        |                           |                         |
| <b>07 71 23 00-0032</b> |     | <b>Aluminum Gutter Miters (07 71 23 00-0001)</b>               |             |                           |                         |
|                         |     | Note: Inside or outside miters.                                |             |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------|------------------------|----------------------|
| 07 71 23 00-0033 |     |     | K-Style, Aluminum Gutter Miters (07 71 23 00-0032)         |                        |                      |
| 07 71 23 00-0034 | EA  |     | 5", K-Style Aluminum Gutter Miter.....                     | 20.62                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 3.89                   |                      |
| 07 71 23 00-0035 | EA  |     | 6", K-Style Aluminum Gutter Miter.....                     | 27.77                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 6.74                   |                      |
| 07 71 23 00-0036 | EA  |     | 7", K-Style Aluminum Gutter Miter.....                     | 85.70                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 32.43                  |                      |
| 07 71 23 00-0037 | EA  |     | 8", K-Style Aluminum Gutter Miter.....                     | 93.05                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 35.31                  |                      |
| 07 71 23 00-0038 |     |     | Half Round, Aluminum Gutter Miters (07 71 23 00-0032)      |                        |                      |
| 07 71 23 00-0039 | EA  |     | 5", Half Round Aluminum Gutter Miter.....                  | 36.50                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 11.04                  |                      |
| 07 71 23 00-0040 | EA  |     | 6", Half Round Aluminum Gutter Miter.....                  | 57.98                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 20.33                  |                      |
| 07 71 23 00-0041 |     |     | Box Style, Aluminum Gutter Miters (07 71 23 00-0032)       |                        |                      |
| 07 71 23 00-0042 | EA  |     | 6", Box Style Aluminum Gutter Miter.....                   | 69.28                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 25.42                  |                      |
| 07 71 23 00-0043 | EA  |     | 7", Box Style Aluminum Gutter Miter.....                   | 103.72                 |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 40.54                  |                      |
| 07 71 23 00-0044 | EA  |     | 8", Box Style Aluminum Gutter Miter.....                   | 112.66                 |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 44.14                  |                      |
| 07 71 23 00-0045 |     |     | Aluminum Gutter Wire Strainers (07 71 23 00-0001)          |                        |                      |
| 07 71 23 00-0046 | EA  |     | 3" Diameter, Round Aluminum Wire Strainer.....             | 15.44                  | 2.96                 |
|                  |     |     | For Kynar 500® Finish, Add                                 | 4.17                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 1.30                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 2.69                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 3.89                   |                      |
| 07 71 23 00-0047 | EA  |     | 4" Diameter, Round Aluminum Wire Strainer.....             | 23.24                  | 2.96                 |
|                  |     |     | For Kynar 500® Finish, Add                                 | 7.68                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 2.39                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 4.95                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 7.17                   |                      |
| 07 71 23 00-0048 |     |     | Aluminum Downspouts (07 71 23 00-0001)                     |                        |                      |
|                  |     |     | Note: Includes elbows, hangers and fasteners.              |                        |                      |
| 07 71 23 00-0049 |     |     | Round Aluminum Downspouts (07 71 23 00-0048)               |                        |                      |
| 07 71 23 00-0050 | LF  |     | 3" Diameter, 0.019" Thick, Round Aluminum Downspout.....   | 7.39                   | 2.84                 |
|                  |     |     | For Up To 100', Add                                        | 1.20                   |                      |
|                  |     |     | For >100 To 250', Add                                      | 0.52                   |                      |
|                  |     |     | For >1,000', Deduct                                        | -0.31                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 1.94                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 0.60                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 1.25                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 1.81                   |                      |
| 07 71 23 00-0051 | LF  |     | 4" Diameter, 0.019" Thick, Round Aluminum Downspout.....   | 8.41                   | 2.84                 |
|                  |     |     | For Up To 100', Add                                        | 1.30                   |                      |
|                  |     |     | For >100 To 250', Add                                      | 0.57                   |                      |
|                  |     |     | For >1,000', Deduct                                        | -0.31                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 2.40                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 0.75                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 1.55                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 2.24                   |                      |
| 07 71 23 00-0052 |     |     | Rectangular Aluminum Downspouts (07 71 23 00-0048)         |                        |                      |
| 07 71 23 00-0053 | LF  |     | 2" x 3", 0.019" Thick, Rectangular Aluminum Downspout..... | 5.29                   | 2.84                 |
|                  |     |     | For Up To 100', Add                                        | 0.99                   |                      |
|                  |     |     | For >100 To 250', Add                                      | 0.42                   |                      |
|                  |     |     | For >1,000', Deduct                                        | -0.31                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 0.99                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 0.31                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 0.64                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 0.93                   |                      |
| 07 71 23 00-0054 | LF  |     | 3" x 4", 0.019" Thick, Rectangular Aluminum Downspout..... | 6.58                   | 2.84                 |
|                  |     |     | For Up To 100', Add                                        | 1.12                   |                      |
|                  |     |     | For >100 To 250', Add                                      | 0.48                   |                      |
|                  |     |     | For >1,000', Deduct                                        | -0.31                  |                      |
|                  |     |     | For Kynar 500® Finish, Add                                 | 1.58                   |                      |
|                  |     |     | For 0.024" Thick, Add                                      | 0.49                   |                      |
|                  |     |     | For 0.027" Thick, Add                                      | 1.02                   |                      |
|                  |     |     | For 0.031" Thick, Add                                      | 1.47                   |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM                                                                                           | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 71 23 00-0055 | LF  | 4" x 5", 0.019" Thick, Rectangular Aluminum Downspout.....                                    | 12.00       | 2.84                      |                         |
|                  |     | For Up To 100', Add                                                                           | 1.66        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 0.75        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.31       |                           |                         |
|                  |     | For Kynar 500® Finish, Add                                                                    | 4.01        |                           |                         |
|                  |     | For 0.024" Thick, Add                                                                         | 1.25        |                           |                         |
|                  |     | For 0.027" Thick, Add                                                                         | 2.59        |                           |                         |
|                  |     | For 0.031" Thick, Add                                                                         | 3.75        |                           |                         |
| 07 71 23 00-0056 |     | Aluminum Devices (07 71 23 00-0001)                                                           |             |                           |                         |
| 07 71 23 00-0057 | EA  | Thru-Wall Aluminum Scupper Outlet.....                                                        | 255.80      | 25.79                     |                         |
|                  |     | For Kynar 500® Finish, Add                                                                    | 76.41       |                           |                         |
| 07 71 23 00-0058 | EA  | Aluminum Leader/Conductor Head.....                                                           | 245.04      | 28.67                     |                         |
|                  |     | For Kynar 500® Finish, Add                                                                    | 84.47       |                           |                         |
| 07 71 23 00-0059 |     | Copper Gutters And Downspouts (07 71 23)                                                      |             |                           |                         |
| 07 71 23 00-0060 |     | Copper Gutters (07 71 23 00-0059)                                                             |             |                           |                         |
|                  |     | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. |             |                           |                         |
| 07 71 23 00-0061 |     | K-Style Copper Gutters (07 71 23 00-0060)                                                     |             |                           |                         |
| 07 71 23 00-0062 | LF  | 4", 16 Ounce, K-Style Copper Gutter.....                                                      | 18.55       | 4.15                      |                         |
|                  |     | For Up To 100', Add                                                                           | 2.89        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.27        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.69       |                           |                         |
| 07 71 23 00-0063 | LF  | 5", 16 Ounce, K-Style Copper Gutter.....                                                      | 26.18       | 4.39                      |                         |
|                  |     | For Up To 100', Add                                                                           | 3.70        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.67        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.72       |                           |                         |
| 07 71 23 00-0064 | LF  | 6", 16 Ounce, K-Style Copper Gutter.....                                                      | 31.19       | 4.62                      |                         |
|                  |     | For Up To 100', Add                                                                           | 4.26        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.94        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.76       |                           |                         |
| 07 71 23 00-0065 | LF  | 5", 20 Ounce, K-Style Copper Gutter.....                                                      | 33.00       | 4.39                      |                         |
|                  |     | For Up To 100', Add                                                                           | 4.38        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.01        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.72       |                           |                         |
| 07 71 23 00-0066 | LF  | 6", 20 Ounce, K-Style Copper Gutter.....                                                      | 40.84       | 4.62                      |                         |
|                  |     | For Up To 100', Add                                                                           | 5.22        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.42        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.76       |                           |                         |
| 07 71 23 00-0067 | LF  | 7", 20 Ounce, K-Style Copper Gutter.....                                                      | 47.66       | 4.86                      |                         |
|                  |     | For Up To 100', Add                                                                           | 5.99        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.79        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.82       |                           |                         |
| 07 71 23 00-0068 | LF  | 8", 20 Ounce, K-Style Copper Gutter.....                                                      | 52.99       | 5.45                      |                         |
|                  |     | For Up To 100', Add                                                                           | 6.65        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 3.10        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.90       |                           |                         |
| 07 71 23 00-0069 |     | Half Round Copper Gutters (07 71 23 00-0060)                                                  |             |                           |                         |
| 07 71 23 00-0070 | LF  | 5", 16 Ounce, Half Round Copper Gutter.....                                                   | 22.64       | 4.39                      |                         |
|                  |     | For Up To 100', Add                                                                           | 3.35        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.49        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.72       |                           |                         |
| 07 71 23 00-0071 | LF  | 6", 16 Ounce, Half Round Copper Gutter.....                                                   | 28.55       | 4.62                      |                         |
|                  |     | For Up To 100', Add                                                                           | 3.99        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.81        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.76       |                           |                         |
| 07 71 23 00-0072 | LF  | 7", 16 Ounce, Half Round Copper Gutter.....                                                   | 47.65       | 4.86                      |                         |
|                  |     | For Up To 100', Add                                                                           | 5.99        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.79        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.82       |                           |                         |
| 07 71 23 00-0073 | LF  | 5", 20 Ounce, Half Round Copper Gutter.....                                                   | 26.36       | 4.39                      |                         |
|                  |     | For Up To 100', Add                                                                           | 3.72        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 1.68        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.72       |                           |                         |
| 07 71 23 00-0074 | LF  | 6", 20 Ounce, Half Round Copper Gutter.....                                                   | 32.50       | 4.62                      |                         |
|                  |     | For Up To 100', Add                                                                           | 4.39        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.00        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.76       |                           |                         |
| 07 71 23 00-0075 | LF  | 7", 20 Ounce, Half Round Copper Gutter.....                                                   | 50.06       | 4.86                      |                         |
|                  |     | For Up To 100', Add                                                                           | 6.23        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 2.91        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.82       |                           |                         |
| 07 71 23 00-0076 | LF  | 8", 20 Ounce, Half Round Copper Gutter.....                                                   | 56.87       | 5.45                      |                         |
|                  |     | For Up To 100', Add                                                                           | 7.04        |                           |                         |
|                  |     | For >100' To 250', Add                                                                        | 3.29        |                           |                         |
|                  |     | For >1,000', Deduct                                                                           | -0.90       |                           |                         |
| 07 71 23 00-0077 |     | Box Style Copper Gutters (07 71 23 00-0060)                                                   |             |                           |                         |



| MINOR            | CSI | UOM                                                   | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-------------------------------------------------------|-------------|------------------------|----------------------|
| 07 71 23 00-0078 | LF  | 5", 16 Ounce, Box Style Copper Gutter                 | .....       | 25.99                  | 4.97                 |
|                  |     | For Up To 100', Add                                   | .....       | 3.64                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 1.71                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.83                  |                      |
| 07 71 23 00-0079 | LF  | 6", 16 Ounce, Box Style Copper Gutter                 | .....       | 27.92                  | 5.45                 |
|                  |     | For Up To 100', Add                                   | .....       | 4.14                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 1.85                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.90                  |                      |
| 07 71 23 00-0080 | LF  | 7", 16 Ounce, Box Style Copper Gutter                 | .....       | 33.79                  | 5.81                 |
|                  |     | For Up To 100', Add                                   | .....       | 4.82                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 2.17                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.96                  |                      |
| 07 71 23 00-0081 | LF  | 8", 16 Ounce, Box Style Copper Gutter                 | .....       | 34.53                  | 6.16                 |
|                  |     | For Up To 100', Add                                   | .....       | 4.98                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 2.24                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -1.02                  |                      |
| 07 71 23 00-0082 | LF  | 5", 20 Ounce, Box Style Copper Gutter                 | .....       | 29.62                  | 4.97                 |
|                  |     | For Up To 100', Add                                   | .....       | 4.21                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 1.90                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.83                  |                      |
| 07 71 23 00-0083 | LF  | 6", 20 Ounce, Box Style Copper Gutter                 | .....       | 31.56                  | 5.45                 |
|                  |     | For Up To 100', Add                                   | .....       | 4.51                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 2.03                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.90                  |                      |
| 07 71 23 00-0084 | LF  | 7", 20 Ounce, Box Style Copper Gutter                 | .....       | 37.42                  | 5.81                 |
|                  |     | For Up To 100', Add                                   | .....       | 5.18                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 2.35                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -0.96                  |                      |
| 07 71 23 00-0085 | LF  | 8", 20 Ounce, Box Style Copper Gutter                 | .....       | 38.16                  | 6.16                 |
|                  |     | For Up To 100', Add                                   | .....       | 5.34                   |                      |
|                  |     | For >100' To 250', Add                                | .....       | 2.42                   |                      |
|                  |     | For >1,000', Deduct                                   | .....       | -1.02                  |                      |
| 07 71 23 00-0086 |     | Copper Gutter End Caps (07 71 23 00-0059)             |             |                        |                      |
| 07 71 23 00-0087 |     | K-Style, Copper Gutter End Caps (07 71 23 00-0086)    |             |                        |                      |
| 07 71 23 00-0088 | EA  | 4", K-Style Copper Gutter End Cap                     | .....       | 6.39                   |                      |
| 07 71 23 00-0089 | EA  | 5", K-Style Copper Gutter End Cap                     | .....       | 6.84                   |                      |
| 07 71 23 00-0090 | EA  | 6", K-Style Copper Gutter End Cap                     | .....       | 7.28                   |                      |
| 07 71 23 00-0091 | EA  | 7", K-Style Copper Gutter End Cap                     | .....       | 19.18                  |                      |
| 07 71 23 00-0092 | EA  | 8", K-Style Copper Gutter End Cap                     | .....       | 23.36                  |                      |
| 07 71 23 00-0093 |     | Half Round, Copper Gutter End Caps (07 71 23 00-0086) |             |                        |                      |
| 07 71 23 00-0094 | EA  | 4", Half Round Copper Gutter End Cap                  | .....       | 7.71                   |                      |
| 07 71 23 00-0095 | EA  | 5", Half Round Copper Gutter End Cap                  | .....       | 8.65                   |                      |
| 07 71 23 00-0096 | EA  | 6", Half Round Copper Gutter End Cap                  | .....       | 13.01                  |                      |
| 07 71 23 00-0097 | EA  | 7", Half Round Copper Gutter End Cap                  | .....       | 38.94                  |                      |
| 07 71 23 00-0098 | EA  | 8", Half Round Copper Gutter End Cap                  | .....       | 45.97                  |                      |
| 07 71 23 00-0099 |     | Box Style, Copper Gutter End Caps (07 71 23 00-0086)  |             |                        |                      |
| 07 71 23 00-0100 | EA  | 5", Box Style Copper Gutter End Cap                   | .....       | 14.72                  |                      |
| 07 71 23 00-0101 | EA  | 6", Box Style Copper Gutter End Cap                   | .....       | 15.45                  |                      |
| 07 71 23 00-0102 | EA  | 7", Box Style Copper Gutter End Cap                   | .....       | 16.18                  |                      |
| 07 71 23 00-0103 | EA  | 8", Box Style Copper Gutter End Cap                   | .....       | 17.63                  |                      |
| 07 71 23 00-0104 |     | Copper Gutter Miters (07 71 23 00-0059)               |             |                        |                      |
|                  |     | Note: Inside or outside miters.                       |             |                        |                      |
| 07 71 23 00-0105 |     | K-Style, Copper Gutter Miters (07 71 23 00-0104)      |             |                        |                      |
| 07 71 23 00-0106 | EA  | 4", K-Style Copper Gutter Miter                       | .....       | 40.95                  |                      |
| 07 71 23 00-0107 | EA  | 5", K-Style Copper Gutter Miter                       | .....       | 46.37                  |                      |
| 07 71 23 00-0108 | EA  | 6", K-Style Copper Gutter Miter                       | .....       | 66.55                  |                      |
| 07 71 23 00-0109 | EA  | 7", K-Style Copper Gutter Miter                       | .....       | 93.95                  |                      |
| 07 71 23 00-0110 | EA  | 8", K-Style Copper Gutter Miter                       | .....       | 110.16                 |                      |
| 07 71 23 00-0111 |     | Half Round, Copper Gutter Miters (07 71 23 00-0104)   |             |                        |                      |
| 07 71 23 00-0112 | EA  | 4", Half Round Copper Gutter Miter                    | .....       | 63.68                  |                      |
| 07 71 23 00-0113 | EA  | 5", Half Round Copper Gutter Miter                    | .....       | 58.97                  |                      |
| 07 71 23 00-0114 | EA  | 6", Half Round Copper Gutter Miter                    | .....       | 84.77                  |                      |
| 07 71 23 00-0115 | EA  | 7", Half Round Copper Gutter Miter                    | .....       | 101.02                 |                      |
| 07 71 23 00-0116 | EA  | 8", Half Round Copper Gutter Miter                    | .....       | 119.31                 |                      |
| 07 71 23 00-0117 |     | Box Style, Copper Gutter Miters (07 71 23 00-0104)    |             |                        |                      |
| 07 71 23 00-0118 | EA  | 5", 16 Ounce Box Style Copper Gutter Miter            | .....       | 70.03                  |                      |
| 07 71 23 00-0119 | EA  | 6", 16 Ounce Box Style Copper Gutter Miter            | .....       | 72.31                  |                      |
| 07 71 23 00-0120 | EA  | 7", 16 Ounce Box Style Copper Gutter Miter            | .....       | 78.95                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR                   | CSI | UOM | DESCRIPTION                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|-----|---------------------------------------------------------|---------------------------|-------------------------|
| 07 71 23 00-0121        | EA  |     | 8", 16 Ounce Box Style Copper Gutter Miter .....        | 80.57                     |                         |
| 07 71 23 00-0122        | EA  |     | 5", 20 Ounce Box Style Copper Gutter Miter .....        | 77.29                     |                         |
| 07 71 23 00-0123        | EA  |     | 6", 20 Ounce Box Style Copper Gutter Miter .....        | 79.58                     |                         |
| 07 71 23 00-0124        | EA  |     | 7", 20 Ounce Box Style Copper Gutter Miter .....        | 86.22                     |                         |
| 07 71 23 00-0125        | EA  |     | 8", 20 Ounce Box Style Copper Gutter Miter .....        | 94.43                     |                         |
| <b>07 71 23 00-0126</b> |     |     | <b>Copper Gutter Wire Strainers (07 71 23 00-0059)</b>  |                           |                         |
| 07 71 23 00-0127        | EA  |     | 2" Diameter, Round Copper Wire Strainer .....           | 20.19                     | 2.96                    |
| 07 71 23 00-0128        | EA  |     | 3" Diameter, Round Copper Wire Strainer .....           | 24.80                     | 2.96                    |
| 07 71 23 00-0129        | EA  |     | 4" Diameter, Round Copper Wire Strainer .....           | 39.84                     | 2.96                    |
| 07 71 23 00-0130        | EA  |     | 5" Diameter, Round Copper Wire Strainer .....           | 52.94                     | 2.96                    |
| 07 71 23 00-0131        | EA  |     | 6" Diameter, Round Copper Wire Strainer .....           | 63.92                     | 2.96                    |
| <b>07 71 23 00-0132</b> |     |     | <b>Copper Downspouts (07 71 23 00-0059)</b>             |                           |                         |
|                         |     |     | Note: Includes elbows, hangers and fasteners.           |                           |                         |
| <b>07 71 23 00-0133</b> |     |     | <b>Round Copper Downspouts (07 71 23 00-0132)</b>       |                           |                         |
| 07 71 23 00-0134        | LF  |     | 2" Diameter, 16 Ounce, Round Copper Downspout .....     | 26.12                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 3.07                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.46                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0135        | LF  |     | 3" Diameter, 16 Ounce, Round Copper Downspout .....     | 18.26                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.29                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.07                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0136        | LF  |     | 4" Diameter, 16 Ounce, Round Copper Downspout .....     | 22.96                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.76                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.30                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0137        | LF  |     | 5" Diameter, 16 Ounce, Round Copper Downspout .....     | 36.57                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 4.12                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.98                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0138        | LF  |     | 6" Diameter, 16 Ounce, Round Copper Downspout .....     | 46.96                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 5.16                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 2.50                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0139        | LF  |     | 3" Diameter, 20 Ounce, Round Copper Downspout .....     | 24.63                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.93                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.39                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0140        | LF  |     | 4" Diameter, 20 Ounce, Round Copper Downspout .....     | 31.89                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 3.65                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.75                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0141        | LF  |     | 5" Diameter, 20 Ounce, Round Copper Downspout .....     | 48.37                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 5.30                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 2.57                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| <b>07 71 23 00-0142</b> |     |     | <b>Square Copper Downspouts (07 71 23 00-0132)</b>      |                           |                         |
| 07 71 23 00-0143        | LF  |     | 3" Diameter, 16 Ounce, Square Copper Downspout .....    | 12.71                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 1.73                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 0.79                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0144        | LF  |     | 4" Diameter, 16 Ounce, Square Copper Downspout .....    | 15.83                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.05                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 0.95                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0145        | LF  |     | 5" Diameter, 16 Ounce, Square Copper Downspout .....    | 22.57                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.72                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.28                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0146        | LF  |     | 3" Diameter, 20 Ounce, Square Copper Downspout .....    | 14.64                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 1.93                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 0.89                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0147        | LF  |     | 4" Diameter, 20 Ounce, Square Copper Downspout .....    | 18.54                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 2.32                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.08                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| 07 71 23 00-0148        | LF  |     | 5" Diameter, 20 Ounce, Square Copper Downspout .....    | 26.54                     | 2.84                    |
|                         |     |     | For Up To 100', Add                                     | 3.12                      |                         |
|                         |     |     | For >100 To 250', Add                                   | 1.48                      |                         |
|                         |     |     | For >1,000', Deduct                                     | -0.31                     |                         |
| <b>07 71 23 00-0149</b> |     |     | <b>Rectangular Copper Downspouts (07 71 23 00-0132)</b> |                           |                         |





| MINOR            | CSI | UOM                                                                                           | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 71 23 00-0150 | LF  | 2" x 3", 16 Ounce, Rectangular Copper Downspout                                               | .....       | 18.74                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.34                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 1.09                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0151 | LF  | 3" x 4", 16 Ounce, Rectangular Copper Downspout                                               | .....       | 23.65                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.83                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 1.34                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0152 | LF  | 4" x 5", 16 Ounce, Rectangular Copper Downspout                                               | .....       | 33.55                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 3.82                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 1.83                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0153 | LF  | 2" x 3", 20 Ounce, Rectangular Copper Downspout                                               | .....       | 21.79                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.84                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 1.24                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0154 | LF  | 3" x 4", 20 Ounce, Rectangular Copper Downspout                                               | .....       | 27.88                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 3.25                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 1.55                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0155 | LF  | 4" x 5", 20 Ounce, Rectangular Copper Downspout                                               | .....       | 39.94                  | 2.84                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 4.46                   |                      |
|                  |     | For >100 To 250', Add                                                                         | .....       | 2.15                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.31                  |                      |
| 07 71 23 00-0156 |     | Copper Devices And Accessories (07 71 23 00-0059)                                             |             |                        |                      |
| 07 71 23 00-0157 | EA  | Thru-Wall Copper Scupper Outlet                                                               | .....       | 217.15                 | 25.79                |
| 07 71 23 00-0158 | EA  | Copper Leader/Conductor Head                                                                  | .....       | 307.01                 | 28.67                |
| 07 71 23 00-0159 | EA  | Copper Eave Box                                                                               | .....       | 137.55                 | 17.78                |
| 07 71 23 00-0160 |     | Galvanized Steel Gutters And Downspouts (07 71 23)                                            |             |                        |                      |
| 07 71 23 00-0161 |     | Galvanized Steel Gutters (07 71 23 00-0160)                                                   |             |                        |                      |
|                  |     | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. |             |                        |                      |
| 07 71 23 00-0162 |     | K-Style Galvanized Steel Gutters (07 71 23 00-0161)                                           |             |                        |                      |
| 07 71 23 00-0163 | LF  | 5", 26 Gauge, K-Style Galvanized Steel Gutter                                                 | .....       | 12.84                  | 4.39                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.37                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 1.00                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.72                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 2.52                   |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 1.57                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 3.09                   |                      |
| 07 71 23 00-0164 | LF  | 6", 26 Gauge, K-Style Galvanized Steel Gutter                                                 | .....       | 14.90                  | 4.62                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.63                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 1.12                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.76                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 3.29                   |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 2.05                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 4.03                   |                      |
| 07 71 23 00-0165 | LF  | 7", 26 Gauge, K-Style Galvanized Steel Gutter                                                 | .....       | 30.69                  | 4.86                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 4.29                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 1.94                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.82                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 10.13                  |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 6.31                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 12.39                  |                      |
| 07 71 23 00-0166 | LF  | 8", 26 Gauge, K-Style Galvanized Steel Gutter                                                 | .....       | 32.39                  | 5.45                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 4.59                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 2.07                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.90                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 10.52                  |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 6.55                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 12.86                  |                      |
| 07 71 23 00-0167 |     | Half Round Galvanized Steel Gutters (07 71 23 00-0161)                                        |             |                        |                      |
| 07 71 23 00-0168 | LF  | 5", 26 Gauge, Half Round Galvanized Steel Gutter                                              | .....       | 18.63                  | 4.39                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 2.95                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 1.29                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.72                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 5.13                   |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 3.19                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 6.27                   |                      |
| 07 71 23 00-0169 | LF  | 6", 26 Gauge, Half Round Galvanized Steel Gutter                                              | .....       | 23.43                  | 4.62                 |
|                  |     | For Up To 100', Add                                                                           | .....       | 3.48                   |                      |
|                  |     | For >100' To 250', Add                                                                        | .....       | 1.55                   |                      |
|                  |     | For >1,000', Deduct                                                                           | .....       | -0.76                  |                      |
|                  |     | For Kynar 500® Finish, Add                                                                    | .....       | 7.13                   |                      |
|                  |     | For 24 Gauge, Add                                                                             | .....       | 4.44                   |                      |
|                  |     | For 22 Gauge, Add                                                                             | .....       | 8.72                   |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR                   | CSI | UOM                                                                    | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 71 23 00-0170        | LF  | 7", 26 Gauge, Half Round Galvanized Steel Gutter                       | .....       | 58.66                     | 4.86                    |
|                         |     | For Up To 100', Add                                                    | .....       | 7.09                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 3.34                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -0.82                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 22.72                     |                         |
|                         |     | For 24 Gauge, Add                                                      | .....       | 14.14                     |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 27.77                     |                         |
| 07 71 23 00-0171        | LF  | 8", 26 Gauge, Half Round Galvanized Steel Gutter                       | .....       | 62.61                     | 5.45                    |
|                         |     | For Up To 100', Add                                                    | .....       | 7.61                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 3.58                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -0.90                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 24.12                     |                         |
|                         |     | For 24 Gauge, Add                                                      | .....       | 15.01                     |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 29.48                     |                         |
| <b>07 71 23 00-0172</b> |     | <b>Box Style Galvanized Steel Gutters</b> (07 71 23 00-0161)           |             |                           |                         |
| 07 71 23 00-0173        | LF  | 5", 24 Gauge, Box Style Galvanized Steel Gutter                        | .....       | 22.29                     | 4.97                    |
|                         |     | For Up To 100', Add                                                    | .....       | 3.47                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 1.53                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -0.83                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 6.30                      |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 3.08                      |                         |
| 07 71 23 00-0174        | LF  | 6", 24 Gauge, Box Style Galvanized Steel Gutter                        | .....       | 26.13                     | 5.45                    |
|                         |     | For Up To 100', Add                                                    | .....       | 3.96                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 1.76                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -0.90                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 7.70                      |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 3.77                      |                         |
| 07 71 23 00-0175        | LF  | 7", 24 Gauge, Box Style Galvanized Steel Gutter                        | .....       | 32.92                     | 4.86                    |
|                         |     | For Up To 100', Add                                                    | .....       | 4.52                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 2.05                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -0.82                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 11.14                     |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 5.45                      |                         |
| 07 71 23 00-0176        | LF  | 8", 24 Gauge, Box Style Galvanized Steel Gutter                        | .....       | 36.60                     | 6.16                    |
|                         |     | For Up To 100', Add                                                    | .....       | 5.19                      |                         |
|                         |     | For >100' To 250', Add                                                 | .....       | 2.34                      |                         |
|                         |     | For >1,000', Deduct                                                    | .....       | -1.02                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 11.88                     |                         |
|                         |     | For 22 Gauge, Add                                                      | .....       | 5.81                      |                         |
| <b>07 71 23 00-0177</b> |     | <b>Galvanized Steel Gutter End Caps</b> (07 71 23 00-0160)             |             |                           |                         |
| <b>07 71 23 00-0178</b> |     | <b>K-Style, Galvanized Steel Gutter End Caps</b> (07 71 23 00-0177)    |             |                           |                         |
| 07 71 23 00-0179        | EA  | 5", K-Style Galvanized Steel Gutter End Cap                            | .....       | 5.73                      |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 1.51                      |                         |
| 07 71 23 00-0180        | EA  | 6", K-Style Galvanized Steel Gutter End Cap                            | .....       | 6.61                      |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 1.91                      |                         |
| 07 71 23 00-0181        | EA  | 7", K-Style Galvanized Steel Gutter End Cap                            | .....       | 14.46                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 5.44                      |                         |
| 07 71 23 00-0182        | EA  | 8", K-Style Galvanized Steel Gutter End Cap                            | .....       | 21.01                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 8.39                      |                         |
| <b>07 71 23 00-0183</b> |     | <b>Half Round, Galvanized Steel Gutter End Caps</b> (07 71 23 00-0177) |             |                           |                         |
| 07 71 23 00-0184        | EA  | 5", Half Round Galvanized Steel Gutter End Cap                         | .....       | 7.39                      |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 2.26                      |                         |
| 07 71 23 00-0185        | EA  | 6", Half Round Galvanized Steel Gutter End Cap                         | .....       | 8.52                      |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 2.77                      |                         |
| 07 71 23 00-0186        | EA  | 7", Half Round Galvanized Steel Gutter End Cap                         | .....       | 15.96                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 6.12                      |                         |
| 07 71 23 00-0187        | EA  | 8", Half Round Galvanized Steel Gutter End Cap                         | .....       | 21.60                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 8.65                      |                         |
| <b>07 71 23 00-0188</b> |     | <b>Box Style, Galvanized Steel Gutter End Caps</b> (07 71 23 00-0177)  |             |                           |                         |
| 07 71 23 00-0189        | EA  | 5", Box Style Galvanized Steel Gutter End Cap                          | .....       | 13.33                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 4.93                      |                         |
| 07 71 23 00-0190        | EA  | 6", Box Style Galvanized Steel Gutter End Cap                          | .....       | 16.07                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 6.17                      |                         |
| 07 71 23 00-0191        | EA  | 7", Box Style Galvanized Steel Gutter End Cap                          | .....       | 18.01                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 7.04                      |                         |
| 07 71 23 00-0192        | EA  | 8", Box Style Galvanized Steel Gutter End Cap                          | .....       | 24.16                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 9.81                      |                         |
| <b>07 71 23 00-0193</b> |     | <b>Galvanized Steel Gutter Miters</b> (07 71 23 00-0160)               |             |                           |                         |
|                         |     | Note: Inside or outside miters.                                        |             |                           |                         |
| <b>07 71 23 00-0194</b> |     | <b>K-Style, Galvanized Steel Gutter Miters</b> (07 71 23 00-0193)      |             |                           |                         |
| 07 71 23 00-0195        | EA  | 5", K-Style Galvanized Steel Gutter Miter                              | .....       | 34.74                     |                         |
|                         |     | For Kynar 500® Finish, Add                                             | .....       | 10.25                     |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                 | TOTAL DIRECT UNIT COST                                   | DEMOLITION UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------|
| 07 71 23 00-0196 | EA  |     | 6", K-Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                                | 56.36<br>19.60                                           |                      |
| 07 71 23 00-0197 | EA  |     | 7", K-Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                                | 90.24<br>34.47                                           |                      |
| 07 71 23 00-0198 | EA  |     | 8", K-Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                                | 101.45<br>39.09                                          |                      |
| 07 71 23 00-0199 |     |     | Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)                                                                                                                                               |                                                          |                      |
| 07 71 23 00-0200 | EA  |     | 5", Half Round Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                             | 47.61<br>16.04                                           |                      |
| 07 71 23 00-0201 | EA  |     | 6", Half Round Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                             | 53.52<br>18.32                                           |                      |
| 07 71 23 00-0202 | EA  |     | 7", Half Round Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                             | 152.09<br>62.31                                          |                      |
| 07 71 23 00-0203 | EA  |     | 8", Half Round Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                             | 180.73<br>65.77                                          |                      |
| 07 71 23 00-0204 |     |     | Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)                                                                                                                                                |                                                          |                      |
| 07 71 23 00-0205 | EA  |     | 5", Box Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                              | 45.03<br>14.88                                           |                      |
| 07 71 23 00-0206 | EA  |     | 6", Box Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                              | 73.40<br>27.27                                           |                      |
| 07 71 23 00-0207 | EA  |     | 7", Box Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                              | 95.37<br>36.78                                           |                      |
| 07 71 23 00-0208 | EA  |     | 8", Box Style Galvanized Steel Gutter Miter.....<br>For Kynar 500® Finish, Add                                                                                                                              | 101.45<br>39.09                                          |                      |
| 07 71 23 00-0209 |     |     | Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)                                                                                                                                                   |                                                          |                      |
| 07 71 23 00-0210 | EA  |     | 3" Diameter, Round Galvanized Steel Wire Strainer.....<br>For Kynar 500® Finish, Add                                                                                                                        | 13.55<br>3.32                                            | 2.96                 |
| 07 71 23 00-0211 | EA  |     | 4" Diameter, Round Galvanized Steel Wire Strainer.....<br>For Kynar 500® Finish, Add                                                                                                                        | 19.84<br>6.15                                            | 2.96                 |
| 07 71 23 00-0212 |     |     | Galvanized Steel Downspouts (07 71 23 00-0160)<br>Note: Includes elbows, hangers and fasteners.                                                                                                             |                                                          |                      |
| 07 71 23 00-0213 |     |     | Round Galvanized Steel Downspouts (07 71 23 00-0212)                                                                                                                                                        |                                                          |                      |
| 07 71 23 00-0214 | LF  |     | 3" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....<br>For Up To 100', Add<br>For >100 To 250', Add<br>For >1,000', Deduct<br>For Kynar 500® Finish, Add<br>For 24 Gauge, Add<br>For 22 Gauge, Add | 7.17<br>1.18<br>0.51<br>-0.31<br>1.84<br>1.15<br>2.25    | 2.84                 |
| 07 71 23 00-0215 | LF  |     | 4" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....<br>For Up To 100', Add<br>For >100 To 250', Add<br>For >1,000', Deduct<br>For Kynar 500® Finish, Add<br>For 24 Gauge, Add<br>For 22 Gauge, Add | 8.93<br>1.36<br>0.60<br>-0.31<br>2.63<br>1.64<br>3.22    | 2.84                 |
| 07 71 23 00-0216 | LF  |     | 5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....<br>For Up To 100', Add<br>For >100 To 250', Add<br>For >1,000', Deduct<br>For Kynar 500® Finish, Add<br>For 24 Gauge, Add<br>For 22 Gauge, Add | 12.17<br>1.68<br>0.76<br>-0.31<br>4.09<br>2.55<br>5.00   | 2.84                 |
| 07 71 23 00-0217 | LF  |     | 6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....<br>For Up To 100', Add<br>For >100 To 250', Add<br>For >1,000', Deduct<br>For Kynar 500® Finish, Add<br>For 24 Gauge, Add<br>For 22 Gauge, Add | 27.13<br>3.18<br>1.51<br>-0.31<br>10.82<br>6.73<br>13.23 | 2.84                 |
| 07 71 23 00-0218 |     |     | Square Galvanized Steel Downspouts (07 71 23 00-0212)                                                                                                                                                       |                                                          |                      |
| 07 71 23 00-0219 | LF  |     | 4" x 4", 26 Gauge, Square Galvanized Steel Downspout.....<br>For Up To 100', Add<br>For >100 To 250', Add<br>For >1,000', Deduct<br>For Kynar 500® Finish, Add<br>For 24 Gauge, Add<br>For 22 Gauge, Add    | 8.15<br>1.28<br>0.56<br>-0.31<br>2.28<br>1.42<br>2.79    | 2.84                 |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 23 00-0220 | LF  |     | 5" x 5", 26 Gauge, Square Galvanized Steel Downspout .....                                    | 10.46                     | 2.84                    |
|                  |     |     | For Up To 100', Add                                                                           | 1.51                      |                         |
|                  |     |     | For >100 To 250', Add                                                                         | 0.68                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.31                     |                         |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 3.32                      |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 2.07                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 4.06                      |                         |
| 07 71 23 00-0221 |     |     | <b>Rectangular Galvanized Steel Downspouts</b> (07 71 23 00-0212)                             |                           |                         |
| 07 71 23 00-0222 | LF  |     | 2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....                                | 7.31                      | 2.84                    |
|                  |     |     | For Up To 100', Add                                                                           | 1.19                      |                         |
|                  |     |     | For >100 To 250', Add                                                                         | 0.52                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.31                     |                         |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 1.90                      |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 1.18                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 2.33                      |                         |
| 07 71 23 00-0223 | LF  |     | 3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....                                | 9.33                      | 2.84                    |
|                  |     |     | For Up To 100', Add                                                                           | 1.40                      |                         |
|                  |     |     | For >100 To 250', Add                                                                         | 0.62                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.31                     |                         |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 2.81                      |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 1.75                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 3.44                      |                         |
| 07 71 23 00-0224 | LF  |     | 4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....                                | 17.37                     | 2.84                    |
|                  |     |     | For Up To 100', Add                                                                           | 2.20                      |                         |
|                  |     |     | For >100 To 250', Add                                                                         | 1.02                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.31                     |                         |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 6.43                      |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 4.00                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 7.86                      |                         |
| 07 71 23 00-0225 |     |     | <b>Galvanized Steel Devices</b> (07 71 23 00-0160)                                            |                           |                         |
| 07 71 23 00-0226 | EA  |     | Galvanized Steel Leader/Conductor Head.....                                                   | 318.90                    | 28.67                   |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 117.71                    |                         |
| 07 71 23 00-0227 | EA  |     | Thru-Wall Galvanized Steel Scupper Outlet.....                                                | 192.47                    | 25.79                   |
|                  |     |     | For Kynar 500® Finish, Add                                                                    | 47.92                     |                         |
| 07 71 23 00-0228 |     |     | <b>Stainless Steel Gutters And Downspouts</b> (07 71 23)                                      |                           |                         |
|                  |     |     | Note: AISI type 304 stainless steel.                                                          |                           |                         |
| 07 71 23 00-0229 |     |     | <b>Stainless Steel Gutters</b> (07 71 23 00-0228)                                             |                           |                         |
|                  |     |     | Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts. |                           |                         |
| 07 71 23 00-0230 |     |     | <b>K-Style, Stainless Steel Gutters</b> (07 71 23 00-0229)                                    |                           |                         |
| 07 71 23 00-0231 | LF  |     | 5", 26 Gauge, K-Style Stainless Steel Gutter.....                                             | 28.43                     | 4.39                    |
|                  |     |     | For Up To 100', Add                                                                           | 3.93                      |                         |
|                  |     |     | For >100' To 250', Add                                                                        | 1.78                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.72                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                  | 8.06                      |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 7.00                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 13.99                     |                         |
|                  |     |     | For 20 Gauge, Add                                                                             | 20.99                     |                         |
| 07 71 23 00-0232 | LF  |     | 6", 26 Gauge, K-Style Stainless Steel Gutter.....                                             | 34.09                     | 4.62                    |
|                  |     |     | For Up To 100', Add                                                                           | 4.55                      |                         |
|                  |     |     | For >100' To 250', Add                                                                        | 2.08                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.76                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                  | 10.07                     |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 8.75                      |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 17.50                     |                         |
|                  |     |     | For 20 Gauge, Add                                                                             | 26.24                     |                         |
| 07 71 23 00-0233 |     |     | <b>Half Round, Stainless Steel Gutters</b> (07 71 23 00-0229)                                 |                           |                         |
| 07 71 23 00-0234 | LF  |     | 5", 26 Gauge, Half Round Stainless Steel Gutter .....                                         | 39.33                     | 4.39                    |
|                  |     |     | For Up To 100', Add                                                                           | 5.02                      |                         |
|                  |     |     | For >100' To 250', Add                                                                        | 2.33                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.72                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                  | 12.20                     |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 10.59                     |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 21.19                     |                         |
|                  |     |     | For 20 Gauge, Add                                                                             | 31.78                     |                         |
| 07 71 23 00-0235 | LF  |     | 6", 26 Gauge, Half Round Stainless Steel Gutter .....                                         | 47.64                     | 4.62                    |
|                  |     |     | For Up To 100', Add                                                                           | 5.90                      |                         |
|                  |     |     | For >100' To 250', Add                                                                        | 2.76                      |                         |
|                  |     |     | For >1,000', Deduct                                                                           | -0.76                     |                         |
|                  |     |     | For 316 Stainless Steel, Add                                                                  | 15.22                     |                         |
|                  |     |     | For 24 Gauge, Add                                                                             | 13.22                     |                         |
|                  |     |     | For 22 Gauge, Add                                                                             | 26.44                     |                         |
|                  |     |     | For 20 Gauge, Add                                                                             | 39.66                     |                         |
| 07 71 23 00-0236 |     |     | <b>Box Style, Stainless Steel Gutters</b> (07 71 23 00-0229)                                  |                           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------|------------------------|----------------------|
| 07 71 23 00-0237 | LF  |     | 5", 26 Gauge, Box Style Stainless Steel Gutter .....           | 38.53                  | 4.97                 |
|                  |     |     | For Up To 100', Add                                            | 5.10                   |                      |
|                  |     |     | For >100' To 250', Add                                         | 2.34                   |                      |
|                  |     |     | For >1,000', Deduct                                            | -0.83                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 11.49                  |                      |
|                  |     |     | For 24 Gauge, Add                                              | 9.98                   |                      |
|                  |     |     | For 22 Gauge, Add                                              | 19.95                  |                      |
|                  |     |     | For 20 Gauge, Add                                              | 29.93                  |                      |
|                  |     |     | For 18 Gauge, Add                                              | 50.18                  |                      |
|                  |     |     | For Seamless Gutter, Add                                       | -0.27                  |                      |
| 07 71 23 00-0238 | LF  |     | 6", 26 Gauge, Box Style Stainless Steel Gutter .....           | 46.99                  | 5.45                 |
|                  |     |     | For Up To 100', Add                                            | 6.05                   |                      |
|                  |     |     | For >100' To 250', Add                                         | 2.80                   |                      |
|                  |     |     | For >1,000', Deduct                                            | -0.90                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 14.43                  |                      |
|                  |     |     | For 24 Gauge, Add                                              | 12.53                  |                      |
|                  |     |     | For 22 Gauge, Add                                              | 25.07                  |                      |
|                  |     |     | For 20 Gauge, Add                                              | 37.60                  |                      |
|                  |     |     | For 18 Gauge, Add                                              | 63.05                  |                      |
|                  |     |     | For Seamless Gutter, Add                                       | -0.55                  |                      |
| 07 71 23 00-0239 | LF  |     | 7", 26 Gauge, Box Style Stainless Steel Gutter .....           | 55.48                  | 5.81                 |
|                  |     |     | For Up To 100', Add                                            | 6.99                   |                      |
|                  |     |     | For >100' To 250', Add                                         | 3.25                   |                      |
|                  |     |     | For >1,000', Deduct                                            | -0.96                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 17.44                  |                      |
|                  |     |     | For 24 Gauge, Add                                              | 15.14                  |                      |
|                  |     |     | For 22 Gauge, Add                                              | 30.29                  |                      |
|                  |     |     | For 20 Gauge, Add                                              | 45.43                  |                      |
|                  |     |     | For 18 Gauge, Add                                              | 76.18                  |                      |
|                  |     |     | For Seamless Gutter, Add                                       | -0.86                  |                      |
| 07 71 23 00-0240 | LF  |     | 8", 26 Gauge, Box Style Stainless Steel Gutter .....           | 60.33                  | 6.16                 |
|                  |     |     | For Up To 100', Add                                            | 7.56                   |                      |
|                  |     |     | For >100' To 250', Add                                         | 3.53                   |                      |
|                  |     |     | For >1,000', Deduct                                            | -1.02                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 19.05                  |                      |
|                  |     |     | For 24 Gauge, Add                                              | 16.55                  |                      |
|                  |     |     | For 22 Gauge, Add                                              | 33.09                  |                      |
|                  |     |     | For 20 Gauge, Add                                              | 49.64                  |                      |
|                  |     |     | For 18 Gauge, Add                                              | 83.23                  |                      |
|                  |     |     | For Seamless Gutter, Add                                       | -0.98                  |                      |
| 07 71 23 00-0241 |     |     | Stainless Steel Gutter End Caps (07 71 23 00-0228)             |                        |                      |
| 07 71 23 00-0242 |     |     | K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)    |                        |                      |
| 07 71 23 00-0243 | EA  |     | 5", K-Style Stainless Steel Gutter End Cap .....               | 9.00                   |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 2.52                   |                      |
| 07 71 23 00-0244 | EA  |     | 6", K-Style Stainless Steel Gutter End Cap .....               | 10.33                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 3.02                   |                      |
| 07 71 23 00-0245 |     |     | Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241) |                        |                      |
| 07 71 23 00-0246 | EA  |     | 5", Half Round Stainless Steel Gutter End Cap .....            | 10.66                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 3.15                   |                      |
| 07 71 23 00-0247 | EA  |     | 6", Half Round Stainless Steel Gutter End Cap .....            | 12.32                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 3.78                   |                      |
| 07 71 23 00-0248 |     |     | Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)  |                        |                      |
| 07 71 23 00-0249 | EA  |     | 5", Box Style Stainless Steel Gutter End Cap .....             | 11.25                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 3.15                   |                      |
| 07 71 23 00-0250 | EA  |     | 6", Box Style Stainless Steel Gutter End Cap .....             | 12.91                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 3.78                   |                      |
| 07 71 23 00-0251 | EA  |     | 7", Box Style Stainless Steel Gutter End Cap .....             | 13.50                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 4.08                   |                      |
| 07 71 23 00-0252 | EA  |     | 8", Box Style Stainless Steel Gutter End Cap .....             | 16.38                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 5.03                   |                      |
| 07 71 23 00-0253 |     |     | Stainless Steel Gutter Miters (07 71 23 00-0228)               |                        |                      |
|                  |     |     | Note: Inside or outside box miters.                            |                        |                      |
| 07 71 23 00-0254 |     |     | K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)      |                        |                      |
| 07 71 23 00-0255 | EA  |     | 5", K-Style Stainless Steel Gutter Miter .....                 | 46.23                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 13.02                  |                      |
| 07 71 23 00-0256 | EA  |     | 6", K-Style Stainless Steel Gutter Miter .....                 | 73.59                  |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 23.10                  |                      |
| 07 71 23 00-0257 |     |     | Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)   |                        |                      |
| 07 71 23 00-0258 | EA  |     | 5", Half Round Stainless Steel Gutter Miter .....              | 112.55                 |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 38.22                  |                      |
| 07 71 23 00-0259 | EA  |     | 6", Half Round Stainless Steel Gutter Miter .....              | 137.65                 |                      |
|                  |     |     | For 316 Stainless Steel, Add                                   | 47.44                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                    |        |       |  |
|-------------------------|----|--------------------------------------------------------------------|--------|-------|--|
| <b>07 71 23 00-0260</b> |    | <b>Box-Style, Stainless Steel Gutter Miters</b> (07 71 23 00-0253) |        |       |  |
| 07 71 23 00-0261        | EA | 5", Box-Style Stainless Steel Gutter Miter.....                    | 53.08  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 15.62  |       |  |
| 07 71 23 00-0262        | EA | 6", Box-Style Stainless Steel Gutter Miter.....                    | 85.75  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 27.72  |       |  |
| 07 71 23 00-0263        | EA | 7", Box-Style Stainless Steel Gutter Miter.....                    | 98.73  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 32.34  |       |  |
| 07 71 23 00-0264        | EA | 8", Box-Style Stainless Steel Gutter Miter.....                    | 111.84 |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 36.96  |       |  |
| <b>07 71 23 00-0265</b> |    | <b>Stainless Steel Gutter Wire Strainers</b> (07 71 23 00-0228)    |        |       |  |
| 07 71 23 00-0266        | EA | 3" Diameter, Round Stainless Steel Wire Strainer.....              | 45.87  | 2.96  |  |
| 07 71 23 00-0267        | EA | 4" Diameter, Round Stainless Steel Wire Strainer.....              | 46.96  | 2.96  |  |
| <b>07 71 23 00-0268</b> |    | <b>Stainless Steel Downspouts</b> (07 71 23 00-0228)               |        |       |  |
|                         |    | Note: Includes elbows, hangers and fasteners.                      |        |       |  |
| <b>07 71 23 00-0269</b> |    | <b>Round Stainless Steel Downspouts</b> (07 71 23 00-0268)         |        |       |  |
| 07 71 23 00-0270        | LF | 3" Diameter, 26 Gauge, Round Stainless Steel Downspout.....        | 16.78  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 2.14   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 0.99   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 5.21   |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 4.52   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 9.04   |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 13.56  |       |  |
| 07 71 23 00-0271        | LF | 4" Diameter, 26 Gauge, Round Stainless Steel Downspout.....        | 22.09  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 2.67   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 1.26   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 7.22   |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 6.27   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 12.55  |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 18.82  |       |  |
| 07 71 23 00-0272        | LF | 5" Diameter, 26 Gauge, Round Stainless Steel Downspout.....        | 32.12  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 3.67   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 1.76   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 11.04  |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 9.58   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 19.17  |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 28.75  |       |  |
| <b>07 71 23 00-0273</b> |    | <b>Rectangular Stainless Steel Downspouts</b> (07 71 23 00-0268)   |        |       |  |
| 07 71 23 00-0274        | LF | 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout.....      | 17.17  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 2.18   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 1.01   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 5.35   |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 4.65   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 9.30   |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 13.95  |       |  |
|                         |    | For 18 Gauge, Add.....                                             | 23.39  |       |  |
| 07 71 23 00-0275        | LF | 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout.....      | 22.89  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 2.75   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 1.30   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 7.53   |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 6.54   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 13.07  |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 19.61  |       |  |
|                         |    | For 18 Gauge, Add.....                                             | 32.88  |       |  |
| 07 71 23 00-0276        | LF | 4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....      | 29.57  | 2.84  |  |
|                         |    | For Up To 100', Add.....                                           | 3.42   |       |  |
|                         |    | For >100 To 250', Add.....                                         | 1.63   |       |  |
|                         |    | For >1,000', Deduct.....                                           | -0.31  |       |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 10.07  |       |  |
|                         |    | For 24 Gauge, Add.....                                             | 8.74   |       |  |
|                         |    | For 22 Gauge, Add.....                                             | 17.48  |       |  |
|                         |    | For 20 Gauge, Add.....                                             | 26.23  |       |  |
|                         |    | For 18 Gauge, Add.....                                             | 43.97  |       |  |
| <b>07 71 23 00-0277</b> |    | <b>Stainless Steel Devices</b> (07 71 23 00-0228)                  |        |       |  |
| 07 71 23 00-0278        | EA | Thru-Wall Stainless Steel Scupper Outlet.....                      | 268.89 | 26.66 |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 68.41  |       |  |
| 07 71 23 00-0279        | EA | Stainless Steel Leader/Conductor Head.....                         | 425.46 | 26.66 |  |
|                         |    | For 316 Stainless Steel, Add.....                                  | 139.16 |       |  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                        | TOTAL DIRECT UNIT COST         | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| 07 71 23 00-0280 |     |     | Vinyl Gutters And Downspouts (07 71 23)                                                                                            |                                |                      |
| 07 71 23 00-0281 |     |     | Vinyl Gutters (07 71 23 00-0280)<br>Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.  |                                |                      |
| 07 71 23 00-0282 |     |     | K-Style Vinyl Gutters (07 71 23 00-0281)                                                                                           |                                |                      |
| 07 71 23 00-0283 | LF  |     | 4", K-Style Vinyl Gutter.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....               | 11.61<br>1.90<br>0.83<br>-0.49 | 2.96                 |
| 07 71 23 00-0284 | LF  |     | 5", K-Style Vinyl Gutter.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....               | 15.04<br>2.25<br>1.00<br>-0.49 | 2.96                 |
| 07 71 23 00-0285 |     |     | Half Round Vinyl Gutters (07 71 23 00-0281)                                                                                        |                                |                      |
| 07 71 23 00-0286 | LF  |     | 4", Half Round Vinyl Gutter.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....            | 12.00<br>1.94<br>0.85<br>-0.49 | 2.96                 |
| 07 71 23 00-0287 | LF  |     | 5", Half Round Vinyl Gutter.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....            | 12.63<br>2.00<br>0.88<br>-0.49 | 2.96                 |
| 07 71 23 00-0288 |     |     | Vinyl Gutter End Caps (07 71 23 00-0280)                                                                                           |                                |                      |
| 07 71 23 00-0289 |     |     | K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)                                                                                  |                                |                      |
| 07 71 23 00-0290 | EA  |     | 4", K-Style Vinyl Gutter End Cap.....                                                                                              | 7.21                           |                      |
| 07 71 23 00-0291 | EA  |     | 5", K-Style Vinyl Gutter End Cap.....                                                                                              | 10.06                          |                      |
| 07 71 23 00-0292 |     |     | Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)                                                                               |                                |                      |
| 07 71 23 00-0293 | EA  |     | 4", Half Round Vinyl Gutter End Cap.....                                                                                           | 8.26                           |                      |
| 07 71 23 00-0294 | EA  |     | 5", Half Round Vinyl Gutter End Cap.....                                                                                           | 7.79                           |                      |
| 07 71 23 00-0295 |     |     | Vinyl Gutter Miters (07 71 23 00-0280)<br>Note: Inside or outside miters.                                                          |                                |                      |
| 07 71 23 00-0296 |     |     | K-Style, Vinyl Gutter Miters (07 71 23 00-0295)                                                                                    |                                |                      |
| 07 71 23 00-0297 | EA  |     | 4", K-Style Vinyl Gutter Miter.....                                                                                                | 18.05                          |                      |
| 07 71 23 00-0298 | EA  |     | 5", K-Style Vinyl Gutter Miter.....                                                                                                | 27.25                          |                      |
| 07 71 23 00-0299 |     |     | Half Round, Vinyl Gutter Miters (07 71 23 00-0295)                                                                                 |                                |                      |
| 07 71 23 00-0300 | EA  |     | 4", Half Round Vinyl Gutter Miter.....                                                                                             | 18.05                          |                      |
| 07 71 23 00-0301 | EA  |     | 5", Half Round Vinyl Gutter Miter.....                                                                                             | 19.64                          |                      |
| 07 71 23 00-0302 |     |     | Vinyl Downspouts (07 71 23 00-0280)<br>Note: Includes elbows, hangers and fasteners.                                               |                                |                      |
| 07 71 23 00-0303 |     |     | Round Vinyl Downspouts (07 71 23 00-0302)                                                                                          |                                |                      |
| 07 71 23 00-0304 | LF  |     | 2-1/2" Diameter, Round Vinyl Downspout.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct..... | 7.63<br>1.23<br>0.54<br>-0.31  | 2.84                 |
| 07 71 23 00-0305 | LF  |     | 3" Diameter, Round Vinyl Downspout.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....     | 7.97<br>1.26<br>0.55<br>-0.31  | 2.84                 |
| 07 71 23 00-0306 |     |     | Square Vinyl Downspouts (07 71 23 00-0302)                                                                                         |                                |                      |
| 07 71 23 00-0307 | LF  |     | 2-1/2", Square Vinyl Downspout.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....         | 7.49<br>1.21<br>0.53<br>-0.31  | 2.84                 |
| 07 71 23 00-0308 |     |     | Rectangular Vinyl Downspouts (07 71 23 00-0302)                                                                                    |                                |                      |
| 07 71 23 00-0309 | LF  |     | 2" x 3", Rectangular Vinyl Downspout.....<br>For Up To 100', Add.....<br>For >100' To 250', Add.....<br>For >1,000', Deduct.....   | 9.64<br>1.43<br>0.64<br>-0.31  | 2.84                 |
| 07 71 23 00-0310 |     |     | Gutter And Downspout Boots (07 71 23)                                                                                              |                                |                      |
| 07 71 23 00-0311 |     |     | Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)                                                                         |                                |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



| MINOR<br>CSI                                                                                      | UOM | DESCRIPTION                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 71 23 00-0312                                                                                  | EA  | 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....                                              | 337.61                    | 4.27                    |
| 07 71 23 00-0313                                                                                  | EA  | 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....                                              | 440.37                    | 4.27                    |
| 07 71 23 00-0314                                                                                  | EA  | 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....                                              | 525.82                    | 4.27                    |
| <b>07 71 23 00-0315 Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)</b> |     |                                                                                                              |                           |                         |
| 07 71 23 00-0316                                                                                  | EA  | 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout .....                               | 584.03                    | 4.27                    |
| 07 71 23 00-0317                                                                                  | EA  | 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout .....                               | 713.71                    | 4.27                    |
| 07 71 23 00-0318                                                                                  | EA  | 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout .....                               | 1,296.09                  | 4.27                    |
| <b>07 71 23 00-0319 Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)</b>     |     |                                                                                                              |                           |                         |
| 07 71 23 00-0320                                                                                  | EA  | 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03).....  | 1,162.64                  | 27.70                   |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 110.71                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 166.07                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 55.36                     |                         |
| 07 71 23 00-0321                                                                                  | EA  | 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....  | 1,181.00                  | 36.94                   |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 110.71                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 166.07                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 55.36                     |                         |
| 07 71 23 00-0322                                                                                  | EA  | 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....  | 1,269.46                  | 50.08                   |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 116.93                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 175.40                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 58.47                     |                         |
| 07 71 23 00-0323                                                                                  | EA  | 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....  | 1,352.02                  | 63.24                   |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 122.56                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 183.83                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 61.28                     |                         |
| 07 71 23 00-0324                                                                                  | EA  | 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)..... | 1,452.64                  | 77.91                   |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 129.68                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 194.53                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 64.84                     |                         |
| 07 71 23 00-0325                                                                                  | EA  | 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)..... | 1,593.13                  | 108.76                  |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 137.56                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 206.34                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 68.78                     |                         |
| 07 71 23 00-0326                                                                                  | EA  | 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)..... | 1,755.81                  | 151.26                  |
|                                                                                                   |     | For Polished Brass Finish (-PB), Add                                                                         | 145.33                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 218.00                    |                         |
|                                                                                                   |     | For Vandal Proof (-U), Add                                                                                   | 72.67                     |                         |
| <b>07 71 23 00-0327 Wall Mounted Downspout Nozzle (07 71 23)</b>                                  |     |                                                                                                              |                           |                         |
| 07 71 23 00-0328                                                                                  | EA  | 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03).....                                   | 294.41                    | 27.70                   |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 167.30                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 131.45                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 212.71                    |                         |
| 07 71 23 00-0329                                                                                  | EA  | 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04).....                                   | 312.87                    | 36.94                   |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 167.30                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 131.45                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 212.71                    |                         |
| 07 71 23 00-0330                                                                                  | EA  | 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06).....                                   | 667.12                    | 50.08                   |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 170.09                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 96.38                     |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 249.46                    |                         |
| 07 71 23 00-0331                                                                                  | EA  | 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08).....                                   | 987.09                    | 63.24                   |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 146.31                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 111.88                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 249.58                    |                         |
| 07 71 23 00-0332                                                                                  | EA  | 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10).....                                  | 1,273.12                  | 77.91                   |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 189.94                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 145.25                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 324.02                    |                         |
| 07 71 23 00-0333                                                                                  | EA  | 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12).....                                  | 1,623.14                  | 108.76                  |
|                                                                                                   |     | For Nickel Bronze Finish (-NB), Add                                                                          | 238.96                    |                         |
|                                                                                                   |     | For Polished Bronze Finish (-PB), Add                                                                        | 182.73                    |                         |
|                                                                                                   |     | For Chrome Plated Finish (-CP), Add                                                                          | 407.63                    |                         |
| <b>07 71 23 00-0334 Leaf Guards And Cleaning (07 71 23)</b>                                       |     |                                                                                                              |                           |                         |
| 07 71 23 00-0335                                                                                  | LF  | Aluminum Mesh Gutter Leaf Guard .....                                                                        | 3.78                      | 0.87                    |
|                                                                                                   |     | For Up To 100', Add                                                                                          | 0.64                      |                         |
|                                                                                                   |     | For >100' To 250', Add                                                                                       | 0.28                      |                         |
|                                                                                                   |     | For >1,000', Deduct                                                                                          | -0.17                     |                         |
| 07 71 23 00-0336                                                                                  | LF  | Vinyl Mesh Gutter Leaf Guard .....                                                                           | 2.92                      | 0.87                    |
|                                                                                                   |     | For Up To 100', Add                                                                                          | 0.55                      |                         |
|                                                                                                   |     | For >100' To 250', Add                                                                                       | 0.23                      |                         |
|                                                                                                   |     | For >1,000', Deduct                                                                                          | -0.17                     |                         |
| 07 71 23 00-0337                                                                                  | LF  | 6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....                                    | 16.67                     | 1.09                    |
|                                                                                                   |     | For Up To 100', Add                                                                                          | 2.00                      |                         |
|                                                                                                   |     | For >100' To 250', Add                                                                                       | 0.94                      |                         |
|                                                                                                   |     | For >1,000', Deduct                                                                                          | -0.22                     |                         |





| MINOR                           | CSI | UOM | DESCRIPTION                                                                                                                                                         | TOTAL DIRECT UNIT COST         | DEMOLITION UNIT COST |
|---------------------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| 07 71 23 00-0338                | LF  |     | 9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....<br>For Up To 100'; Add .....<br>For >100' To 250'; Add .....<br>For >1,000'; Deduct ..... | 23.94<br>2.72<br>1.31<br>-0.22 | 1.09                 |
| 07 71 23 00-0339                | LF  |     | 6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....<br>For Up To 100'; Add .....<br>For >100' To 250'; Add .....<br>For >1,000'; Deduct .....         | 12.68<br>1.53<br>0.72<br>-0.17 | 1.09                 |
| 07 71 23 00-0340                | LF  |     | 9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....<br>For Up To 100'; Add .....<br>For >100' To 250'; Add .....<br>For >1,000'; Deduct .....         | 19.65<br>2.22<br>1.07<br>-0.17 | 1.09                 |
| 07 71 23 00-0341                | EA  |     | Cleanout Roof Drain .....<br>Note: Includes removing dome and flushing.                                                                                             | 156.88                         |                      |
| 07 71 23 00-0342                | LF  |     | Cleanout Roof Gutters And Downspouts .....                                                                                                                          | 1.83                           |                      |
| <b>07 71 26 Reglets (07 71)</b> |     |     |                                                                                                                                                                     |                                |                      |
| 07 71 26 00-0001                |     |     | Counter Flashing With Reglet (07 71 26)<br>Note: Includes reglet cut.                                                                                               |                                |                      |
| 07 71 26 00-0002                |     |     | Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)                                                                                                    |                                |                      |
| 07 71 26 00-0003                |     |     | Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)                                                                                                    |                                |                      |
| 07 71 26 00-0004                | LF  |     | 28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 16.58                          | 5.10                 |
| 07 71 26 00-0005                | LF  |     | 26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 16.76                          | 5.10                 |
| 07 71 26 00-0006                | LF  |     | 24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 17.06                          | 5.10                 |
| 07 71 26 00-0007                | LF  |     | 22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 18.22                          | 5.10                 |
| 07 71 26 00-0008                | LF  |     | 20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 18.88                          | 5.10                 |
| 07 71 26 00-0009                | LF  |     | 18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....                                                                                        | 19.64                          | 5.10                 |
| 07 71 26 00-0010                |     |     | KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)                                                                                 |                                |                      |
| 07 71 26 00-0011                | LF  |     | 28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 19.45                          | 5.10                 |
| 07 71 26 00-0012                | LF  |     | 26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 19.71                          | 5.10                 |
| 07 71 26 00-0013                | LF  |     | 24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 20.15                          | 5.10                 |
| 07 71 26 00-0014                | LF  |     | 22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 21.83                          | 5.10                 |
| 07 71 26 00-0015                | LF  |     | 20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 22.78                          | 5.10                 |
| 07 71 26 00-0016                | LF  |     | 18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....                                                                     | 23.88                          | 5.10                 |
| 07 71 26 00-0017                |     |     | Aluminum Counter Flashing With Reglet (07 71 26 00-0001)                                                                                                            |                                |                      |
| 07 71 26 00-0018                |     |     | KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)                                                                                         |                                |                      |
| 07 71 26 00-0019                | LF  |     | 0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 15.10                          | 5.10                 |
| 07 71 26 00-0020                | LF  |     | 0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 15.87                          | 5.10                 |
| 07 71 26 00-0021                | LF  |     | 0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 16.65                          | 5.10                 |
| 07 71 26 00-0022                | LF  |     | 0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 17.20                          | 5.10                 |
| 07 71 26 00-0023                | LF  |     | 0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 18.45                          | 5.10                 |
| 07 71 26 00-0024                | LF  |     | 0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....                                                                         | 20.26                          | 5.10                 |
| 07 71 26 00-0025                |     |     | Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)                                                                                               |                                |                      |
| 07 71 26 00-0026                | LF  |     | 0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 13.33                          | 5.10                 |
| 07 71 26 00-0027                | LF  |     | 0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 13.82                          | 5.10                 |
| 07 71 26 00-0028                | LF  |     | 0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 14.32                          | 5.10                 |
| 07 71 26 00-0029                | LF  |     | 0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 14.67                          | 5.10                 |
| 07 71 26 00-0030                | LF  |     | 0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 15.47                          | 5.10                 |
| 07 71 26 00-0031                | LF  |     | 0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....                                                                               | 16.62                          | 5.10                 |
| 07 71 26 00-0032                |     |     | Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)                                                                                     |                                |                      |
| 07 71 26 00-0033                | LF  |     | 0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 14.74                          | 5.10                 |
| 07 71 26 00-0034                | LF  |     | 0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 15.45                          | 5.10                 |
| 07 71 26 00-0035                | LF  |     | 0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 16.17                          | 5.10                 |
| 07 71 26 00-0036                | LF  |     | 0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 16.69                          | 5.10                 |
| 07 71 26 00-0037                | LF  |     | 0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 17.84                          | 5.10                 |
| 07 71 26 00-0038                | LF  |     | 0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....                                                                     | 19.51                          | 5.10                 |
| 07 71 26 00-0039                |     |     | Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)                                                                                                     |                                |                      |
| 07 71 26 00-0040                |     |     | Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)                                                                                                     |                                |                      |
| 07 71 26 00-0041                | LF  |     | 24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....                                                                                         | 19.95                          | 5.10                 |
| 07 71 26 00-0042                | LF  |     | 22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....                                                                                         | 21.25                          | 5.10                 |
| 07 71 26 00-0043                | LF  |     | 20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....                                                                                         | 21.68                          | 5.10                 |
| 07 71 26 00-0044                |     |     | Copper Counter Flashing With Reglet (07 71 26 00-0001)                                                                                                              |                                |                      |
| 07 71 26 00-0045                |     |     | Copper Counter Flashing With Reglet (07 71 26 00-0044)                                                                                                              |                                |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 71 Roof Specialties**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 71 26 00-0046 LF 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....55.74 5.10

**07 72 Roof Accessories** (07 70)

**07 72 13 Manufactured Curbs** (07 72)

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------|
| 07 72 13 00-0001 | Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)<br>Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.                                                                                                            |                                                          |        |
| 07 72 13 00-0002 | Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)<br>Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.                                                                                                    |                                                          |        |
| 07 72 13 00-0003 | 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |        |
| 07 72 13 00-0004 | 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |        |
| 07 72 13 00-0005 | EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 949.33<br>65.75<br>160.68<br>-29.70<br>15.41<br>39.05    | 233.49 |
| 07 72 13 00-0006 | EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 964.89<br>67.30<br>163.79<br>-36.44<br>23.70<br>45.19    | 233.49 |
| 07 72 13 00-0007 | EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,045.64<br>71.73<br>176.29<br>-44.54<br>30.64<br>45.68  | 262.68 |
| 07 72 13 00-0008 | EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,105.27<br>77.69<br>188.22<br>-59.39<br>37.27<br>52.31  | 262.68 |
| 07 72 13 00-0009 | EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,149.35<br>82.10<br>197.04<br>19.66<br>124.94<br>137.83 | 262.68 |
| 07 72 13 00-0010 | EA 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,398.64<br>103.38<br>243.24<br>-98.56<br>-1.88<br>38.94 | 291.87 |
| 07 72 13 00-0011 | EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 970.07<br>67.82<br>164.83<br>11.28<br>97.22<br>135.89    | 233.49 |
| 07 72 13 00-0012 | EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,048.23<br>71.99<br>176.81<br>-56.69<br>33.53<br>70.05  | 262.68 |
| 07 72 13 00-0013 | EA 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,081.94<br>75.36<br>183.55<br>-70.19<br>24.32<br>54.40  | 262.68 |
| 07 72 13 00-0014 | EA 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,094.90<br>76.66<br>186.15<br>19.98<br>123.11<br>151.04 | 262.68 |
| 07 72 13 00-0015 | EA 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,357.15<br>99.23<br>234.95<br>25.78<br>139.65<br>182.62 | 291.87 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT UNIT COST                                      | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------|
| 07 72 13 00-0016 | EA  |     | 38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,484.56<br>108.32<br>256.78<br>31.58<br>162.64<br>214.21   | 321.06               |
| 07 72 13 00-0017 | EA  |     | 50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,167.50<br>83.92<br>200.67<br>-72.91<br>21.62<br>45.26     | 262.68               |
| 07 72 13 00-0018 | EA  |     | 50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,274.18<br>90.93<br>218.35<br>-87.76<br>0.33<br>43.30      | 291.87               |
| 07 72 13 00-0019 | EA  |     | 50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,302.70<br>93.79<br>224.06<br>-103.96<br>-28.75<br>44.28   | 291.87               |
| 07 72 13 00-0020 | EA  |     | 50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,430.11<br>102.88<br>245.89<br>-121.50<br>-24.83<br>43.92  | 321.06               |
| 07 72 13 00-0021 | EA  |     | 51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,534.20<br>109.64<br>263.06<br>33.19<br>153.51<br>207.22   | 350.23               |
| 07 72 13 00-0022 | EA  |     | 51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,659.01<br>118.47<br>284.37<br>-167.42<br>-32.05<br>40.98  | 379.42               |
| 07 72 13 00-0023 | EA  |     | 62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,302.70<br>93.79<br>224.06<br>26.43<br>97.33<br>178.97     | 291.87               |
| 07 72 13 00-0024 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,401.59<br>100.03<br>240.19<br>-126.90<br>-21.64<br>44.96  | 321.06               |
| 07 72 13 00-0025 | EA  |     | 62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,531.60<br>109.38<br>262.54<br>-164.72<br>-59.43<br>2.86   | 350.23               |
| 07 72 13 00-0026 | EA  |     | 62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,557.53<br>111.97<br>267.73<br>39.32<br>144.59<br>252.02   | 350.23               |
| 07 72 13 00-0027 | EA  |     | 62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,687.54<br>121.33<br>290.08<br>-207.91<br>-100.50<br>37.00 | 379.42               |
| 07 72 13 00-0028 |     |     | 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |                      |
| 07 72 13 00-0029 | EA  |     | 26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 983.04<br>69.12<br>167.42<br>-29.70<br>15.41<br>39.05       | 233.49               |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



| MINOR            | CSI | UOM                                                                                                                  | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 72 13 00-0030 | EA  | 26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 990.82      | 233.49                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 69.90       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 168.98      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -36.44      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 23.70       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 45.19       |                        |                      |
| 07 72 13 00-0031 | EA  | 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,071.56    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 74.32       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 181.48      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -44.54      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 30.64       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 45.68       |                        |                      |
| 07 72 13 00-0032 | EA  | 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,138.98    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 81.06       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 194.96      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -59.39      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 37.27       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 52.31       |                        |                      |
| 07 72 13 00-0033 | EA  | 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,188.24    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 85.99       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 204.81      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | 19.66       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 124.94      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 137.83      |                        |                      |
| 07 72 13 00-0034 | EA  | 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... | 1,429.75    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 106.49      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 249.47      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -98.56      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | -1.88       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 38.94       |                        |                      |
| 07 72 13 00-0035 | EA  | 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 993.41      | 233.49                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 70.15       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 169.50      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | 11.28       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 97.22       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 135.89      |                        |                      |
| 07 72 13 00-0036 | EA  | 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,118.24    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 78.99       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 190.81      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -56.69      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 33.53       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 70.05       |                        |                      |
| 07 72 13 00-0037 | EA  | 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,170.09    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 84.17       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 201.18      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -70.19      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 24.32       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 54.40       |                        |                      |
| 07 72 13 00-0038 | EA  | 38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,229.73    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 90.14       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 213.11      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | 19.98       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 123.11      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 151.04      |                        |                      |
| 07 72 13 00-0039 | EA  | 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,398.64    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 103.38      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 243.24      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | 25.78       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 139.65      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 182.62      |                        |                      |
| 07 72 13 00-0040 | EA  | 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb ..... | 1,536.42    | 321.06                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 113.51      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 267.15      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | 31.58       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 162.64      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 214.21      |                        |                      |
| 07 72 13 00-0041 | EA  | 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,198.62    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 87.03       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 206.89      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -72.91      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 21.62       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 45.26       |                        |                      |
| 07 72 13 00-0042 | EA  | 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,300.11    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 93.53       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 223.54      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -87.76      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | 0.33        |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 43.30       |                        |                      |
| 07 72 13 00-0043 | EA  | 50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....  | 1,341.59    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                            | 97.68       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                      | 231.83      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                    | -103.96     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                               | -28.75      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                 | 44.28       |                        |                      |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 72 13 00-0044 | EA  |     | 50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,471.60               | 321.06               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 107.03                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 254.19                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -121.50                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -24.83                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 43.92                  |                      |
| 07 72 13 00-0045 | EA  |     | 51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,583.46               | 350.23               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 114.57                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 272.91                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 33.19                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 153.51                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 207.22                 |                      |
| 07 72 13 00-0046 | EA  |     | 51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,716.06               | 379.42               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 124.18                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 295.78                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -167.42                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -32.05                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 40.98                  |                      |
| 07 72 13 00-0047 | EA  |     | 62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,341.59               | 291.87               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 97.68                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 231.83                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 26.43                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 97.33                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 178.97                 |                      |
| 07 72 13 00-0048 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,443.08               | 321.06               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 104.18                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 248.48                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -126.90                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -21.64                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 44.96                  |                      |
| 07 72 13 00-0049 | EA  |     | 62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,575.68               | 350.23               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 113.79                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 271.36                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -164.72                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -59.43                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 2.86                   |                      |
| 07 72 13 00-0050 | EA  |     | 62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,609.39               | 350.23               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 117.16                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 278.10                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 39.32                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 144.59                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 252.02                 |                      |
| 07 72 13 00-0051 | EA  |     | 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,744.58               | 379.42               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 127.03                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 301.49                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -207.91                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -100.50                |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 37.00                  |                      |
| 07 72 13 00-0052 |     |     | 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)                              |                        |                      |
| 07 72 13 00-0053 | EA  |     | 26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,001.19               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 70.93                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 171.05                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -29.70                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 15.41                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 39.05                  |                      |
| 07 72 13 00-0054 | EA  |     | 26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,008.97               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 71.71                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 172.61                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -36.44                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 23.70                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 45.19                  |                      |
| 07 72 13 00-0055 | EA  |     | 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,084.53               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 75.62                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 184.07                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -44.54                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 30.64                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 45.68                  |                      |
| 07 72 13 00-0056 | EA  |     | 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,159.72               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 83.14                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 199.11                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -59.39                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 37.27                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 52.31                  |                      |
| 07 72 13 00-0057 | EA  |     | 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,216.77               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 88.84                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 210.52                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 19.66                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 124.94                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 137.83                 |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                     |          |        |
|------------------|----|---------------------------------------------------------------------------------------------------------------------|----------|--------|
| 07 72 13 00-0058 | EA | 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,466.05 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 110.12   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 256.73   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -98.56   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | -1.88    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 38.94    |        |
| 07 72 13 00-0059 | EA | 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,008.97 | 233.49 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 71.71    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 172.61   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 11.28    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 97.22    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 135.89   |        |
| 07 72 13 00-0060 | EA | 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,084.53 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 75.62    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 184.07   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -56.69   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 33.53    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 70.05    |        |
| 07 72 13 00-0061 | EA | 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,216.77 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 88.84    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 210.52   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -70.19   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 24.32    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 54.40    |        |
| 07 72 13 00-0062 | EA | 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,279.00 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 95.07    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 222.97   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 19.98    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 123.11   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 151.04   |        |
| 07 72 13 00-0063 | EA | 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,429.75 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 106.49   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 249.47   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 25.78    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 139.65   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 182.62   |        |
| 07 72 13 00-0064 | EA | 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,570.13 | 321.06 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 116.88   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 273.89   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 31.58    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 162.64   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 214.21   |        |
| 07 72 13 00-0065 | EA | 50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,219.36 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 89.10    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 211.04   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -72.91   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 21.62    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 45.26    |        |
| 07 72 13 00-0066 | EA | 50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,225.97 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 86.11    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 208.71   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -87.76   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 0.33     |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 43.30    |        |
| 07 72 13 00-0067 | EA | 50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,367.52 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 100.27   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 237.02   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -103.96  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | -28.75   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 44.28    |        |
| 07 72 13 00-0068 | EA | 50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,502.71 | 321.06 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 110.14   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 260.41   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -121.50  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | -24.83   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 43.92    |        |
| 07 72 13 00-0069 | EA | 51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,614.58 | 350.23 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 117.68   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 279.14   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 33.19    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 153.51   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 207.22   |        |
| 07 72 13 00-0070 | EA | 51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,752.36 | 379.42 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 127.81   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 303.04   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -167.42  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | -32.05   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 40.98    |        |
| 07 72 13 00-0071 | EA | 62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,367.52 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 100.27   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 237.02   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 26.43    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 97.33    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 178.97   |        |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 72 13 00-0072 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,471.60               | 321.06               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 107.03                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 254.19                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -126.90                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -21.64                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 44.96                  |                      |
| 07 72 13 00-0073 | EA  |     | 62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,609.39               | 350.23               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 117.16                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 278.10                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -164.72                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -59.43                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 2.86                   |                      |
| 07 72 13 00-0074 | EA  |     | 62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,643.10               | 350.23               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 120.53                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 284.84                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 39.32                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 144.59                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 252.02                 |                      |
| 07 72 13 00-0075 | EA  |     | 62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,783.47               | 379.42               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 130.92                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 309.27                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -207.91                |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -100.50                |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 37.00                  |                      |
| 07 72 13 00-0076 |     |     | 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)                                          |                        |                      |
| 07 72 13 00-0077 |     |     | 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)                               |                        |                      |
| 07 72 13 00-0078 | EA  |     | 26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 920.81                 | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 62.89                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 154.98                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -29.70                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 15.41                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 39.05                  |                      |
| 07 72 13 00-0079 | EA  |     | 26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 954.51                 | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 66.26                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 161.72                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -36.44                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 23.70                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 45.19                  |                      |
| 07 72 13 00-0080 | EA  |     | 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,092.31               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 76.40                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 185.63                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -44.54                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 30.64                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 45.68                  |                      |
| 07 72 13 00-0081 | EA  |     | 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,170.09               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 84.17                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 201.18                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -59.39                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 37.27                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 52.31                  |                      |
| 07 72 13 00-0082 | EA  |     | 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,227.14               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 89.88                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 212.59                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 19.66                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 124.94                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 137.83                 |                      |
| 07 72 13 00-0083 | EA  |     | 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,507.54               | 291.87               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 114.27                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 265.02                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -98.56                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -1.88                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 38.94                  |                      |
| 07 72 13 00-0084 | EA  |     | 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,016.74               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 72.49                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 174.16                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 11.28                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 97.22                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 135.89                 |                      |
| 07 72 13 00-0085 | EA  |     | 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,113.05               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 78.47                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 189.78                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -56.69                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 33.53                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 70.05                  |                      |
| 07 72 13 00-0086 | EA  |     | 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....          | 1,138.98               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 81.06                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 194.96                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -70.19                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 24.32                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 54.40                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



| MINOR            | CSI | UOM                                                                                                                       | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 72 13 00-0087 | EA  | 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,162.32    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 83.40       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 199.63      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 19.98       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 123.11      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 151.04      |                        |                      |
| 07 72 13 00-0088 | EA  | 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,445.31    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 108.05      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 252.58      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 25.78       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 139.65      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 182.62      |                        |                      |
| 07 72 13 00-0089 | EA  | 38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,588.28    | 321.06                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 118.70      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 277.52      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 31.58       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 162.64      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 214.21      |                        |                      |
| 07 72 13 00-0090 | EA  | 50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,229.73    | 262.68                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 90.14       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 213.11      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -72.91      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 21.62       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 45.26       |                        |                      |
| 07 72 13 00-0091 | EA  | 50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,339.00    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 97.42       |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 231.32      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -87.76      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 0.33        |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 43.30       |                        |                      |
| 07 72 13 00-0092 | EA  | 50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,380.49    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 101.57      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 239.61      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -103.96     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -28.75      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 44.28       |                        |                      |
| 07 72 13 00-0093 | EA  | 50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,518.27    | 321.06                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 111.70      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 263.52      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -121.50     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -24.83      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 43.92       |                        |                      |
| 07 72 13 00-0094 | EA  | 51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,630.13    | 350.23                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 119.23      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 282.25      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 33.19       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 153.51      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 207.22      |                        |                      |
| 07 72 13 00-0095 | EA  | 51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,770.51    | 379.42                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 129.62      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 306.67      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -167.42     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -32.05      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 40.98       |                        |                      |
| 07 72 13 00-0096 | EA  | 62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,380.49    | 291.87                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 101.57      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 239.61      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 26.43       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 97.33       |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 178.97      |                        |                      |
| 07 72 13 00-0097 | EA  | 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,484.56    | 321.06                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 108.32      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 256.78      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -126.90     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -21.64      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 44.96       |                        |                      |
| 07 72 13 00-0098 | EA  | 62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,624.95    | 350.23                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 118.72      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 281.21      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -164.72     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -59.43      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 2.86        |                        |                      |
| 07 72 13 00-0099 | EA  | 62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,661.25    | 350.23                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 122.35      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 288.47      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | 39.32       |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | 144.59      |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 252.02      |                        |                      |
| 07 72 13 00-0100 | EA  | 62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,804.22    | 379.42                 |                      |
|                  |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                 | 132.99      |                        |                      |
|                  |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                           | 313.42      |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                         | -207.91     |                        |                      |
|                  |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                    | -100.50     |                        |                      |
|                  |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                      | 37.00       |                        |                      |





| MINOR            | CSI | UOM | DESCRIPTION                                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 72 13 00-0101 |     |     | 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)                       |                        |                      |
| 07 72 13 00-0102 | EA  |     | 26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 944.14                 | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 65.23                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 159.64                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -29.70                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 15.41                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 39.05                  |                      |
| 07 72 13 00-0103 | EA  |     | 26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 983.04                 | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 69.12                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 167.42                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -36.44                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 23.70                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 45.19                  |                      |
| 07 72 13 00-0104 | EA  |     | 26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,131.20               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 80.29                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 193.41                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -44.54                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 30.64                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 45.68                  |                      |
| 07 72 13 00-0105 | EA  |     | 26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,216.77               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 88.84                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 210.52                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -59.39                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 37.27                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 52.31                  |                      |
| 07 72 13 00-0106 | EA  |     | 26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,286.77               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 95.84                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 224.52                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 19.66                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 124.94                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 137.83                 |                      |
| 07 72 13 00-0107 | EA  |     | 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,517.91               | 291.87               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 115.31                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 267.10                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -98.56                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | -1.88                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 38.94                  |                      |
| 07 72 13 00-0108 | EA  |     | 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,050.45               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 75.86                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 180.90                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 11.28                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 97.22                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 135.89                 |                      |
| 07 72 13 00-0109 | EA  |     | 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,154.54               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 82.62                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 198.07                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -56.69                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 33.53                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 70.05                  |                      |
| 07 72 13 00-0110 | EA  |     | 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,188.24               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 85.99                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 204.81                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -70.19                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 24.32                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 54.40                  |                      |
| 07 72 13 00-0111 | EA  |     | 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,219.36               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 89.10                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 211.04                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 19.98                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 123.11                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 151.04                 |                      |
| 07 72 13 00-0112 | EA  |     | 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,507.54               | 291.87               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 114.27                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 265.02                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 25.78                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 139.65                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 182.62                 |                      |
| 07 72 13 00-0113 | EA  |     | 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,663.47               | 321.06               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 126.22                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 292.56                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | 31.58                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 162.64                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 214.21                 |                      |
| 07 72 13 00-0114 | EA  |     | 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....  | 1,276.40               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                           | 94.81                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                     | 222.45                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                   | -72.91                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                              | 21.62                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                | 45.26                  |                      |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |        |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------|
| 07 72 13 00-0115 | EA | 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,390.86<br>102.60<br>241.69<br>-87.76<br>0.33<br>43.30     | 291.87 |
| 07 72 13 00-0116 | EA | 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,440.12<br>107.53<br>251.54<br>-103.96<br>-28.75<br>44.28  | 291.87 |
| 07 72 13 00-0117 | EA | 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,580.50<br>117.92<br>275.97<br>-121.50<br>-24.83<br>43.92  | 321.06 |
| 07 72 13 00-0118 | EA | 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,702.74<br>126.49<br>296.77<br>33.19<br>153.51<br>207.22   | 350.23 |
| 07 72 13 00-0119 | EA | 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,853.48<br>137.92<br>323.27<br>-167.42<br>-32.05<br>40.98  | 379.42 |
| 07 72 13 00-0120 | EA | 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,440.12<br>107.53<br>251.54<br>26.43<br>97.33<br>178.97    | 291.87 |
| 07 72 13 00-0121 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,551.98<br>115.07<br>270.26<br>-126.90<br>-21.64<br>44.96  | 321.06 |
| 07 72 13 00-0122 | EA | 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,697.55<br>125.98<br>295.73<br>-164.72<br>-59.43<br>2.86   | 350.23 |
| 07 72 13 00-0123 | EA | 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,736.44<br>129.86<br>303.51<br>39.32<br>144.59<br>252.02   | 350.23 |
| 07 72 13 00-0124 | EA | 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,892.38<br>141.81<br>331.05<br>-207.91<br>-100.50<br>37.00 | 379.42 |

**07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs**  
(07 72 13 00-0076)

|                  |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                         |        |
|------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------|
| 07 72 13 00-0126 | EA | 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 962.29<br>67.04<br>163.27<br>-29.70<br>15.41<br>39.05   | 233.49 |
| 07 72 13 00-0127 | EA | 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,003.78<br>71.19<br>171.57<br>-36.44<br>23.70<br>45.19 | 233.49 |
| 07 72 13 00-0128 | EA | 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,154.54<br>82.62<br>198.07<br>-44.54<br>30.64<br>45.68 | 262.68 |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL DIRECT UNIT COST                                     | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------|
| 07 72 13 00-0129 | EA  |     | 26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,247.88<br>91.95<br>216.74<br>-59.39<br>37.27<br>52.31    | 262.68               |
| 07 72 13 00-0130 | EA  |     | 26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,325.67<br>99.73<br>232.30<br>19.66<br>124.94<br>137.83   | 262.68               |
| 07 72 13 00-0131 | EA  |     | 26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,600.88<br>123.60<br>283.69<br>-98.56<br>-1.88<br>38.94   | 291.87               |
| 07 72 13 00-0132 | EA  |     | 38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,076.38<br>78.45<br>186.09<br>11.28<br>97.22<br>135.89    | 233.49               |
| 07 72 13 00-0133 | EA  |     | 38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,198.62<br>87.03<br>206.89<br>-56.69<br>33.53<br>70.05    | 262.68               |
| 07 72 13 00-0134 | EA  |     | 38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,245.29<br>91.69<br>216.22<br>-70.19<br>24.32<br>54.40    | 262.68               |
| 07 72 13 00-0135 | EA  |     | 38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,255.66<br>92.73<br>218.30<br>19.98<br>123.11<br>151.04   | 262.68               |
| 07 72 13 00-0136 | EA  |     | 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,554.21<br>118.94<br>274.36<br>25.78<br>139.65<br>182.62  | 291.87               |
| 07 72 13 00-0137 | EA  |     | 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,715.33<br>131.40<br>302.93<br>31.58<br>162.64<br>214.21  | 321.06               |
| 07 72 13 00-0138 | EA  |     | 50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,307.52<br>97.92<br>228.67<br>-72.91<br>21.62<br>45.26    | 262.68               |
| 07 72 13 00-0139 | EA  |     | 50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,305.47<br>94.06<br>224.61<br>-87.76<br>0.33<br>43.30     | 291.87               |
| 07 72 13 00-0140 | EA  |     | 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,479.02<br>111.42<br>259.32<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0141 | EA  |     | 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,627.17<br>122.59<br>285.30<br>-121.50<br>-24.83<br>43.92 | 321.06               |
| 07 72 13 00-0142 | EA  |     | 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add  | 1,749.41<br>131.16<br>306.10<br>33.19<br>153.51<br>207.22  | 350.23               |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                            |          |        |
|------------------|----|----------------------------------------------------------------------------------------------------------------------------|----------|--------|
| 07 72 13 00-0143 | EA | 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,910.53 | 379.42 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 143.63   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 334.68   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -167.42  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -32.05   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 40.98    |        |
| 07 72 13 00-0144 | EA | 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,479.02 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 111.42   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 259.32   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 26.43    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 97.33    |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 178.97   |        |
| 07 72 13 00-0145 | EA | 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... | 1,596.65 | 321.06 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 119.73   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 279.60   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -126.90  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -21.64   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 44.96    |        |
| 07 72 13 00-0146 | EA | 62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,741.63 | 350.23 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 130.38   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 304.55   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -164.72  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -59.43   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 2.86     |        |
| 07 72 13 00-0147 | EA | 62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....         | 1,788.30 | 350.23 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 135.05   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 313.88   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | 39.32    |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | 144.59   |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 252.02   |        |
| 07 72 13 00-0148 | EA | 62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....        | 1,949.42 | 379.42 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                  | 147.51   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                            | 342.46   |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                                          | -207.91  |        |
|                  |    | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                                     | -100.50  |        |
|                  |    | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                                       | 37.00    |        |

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0001)  
 Note: Includes 1" rigid foam insulation, mill finished galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)

|                  |    |                                                                                                                                          |          |        |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| 07 72 13 00-0151 | EA | 14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 904.72   | 233.49 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                | 61.29    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                          | 151.76   |        |
| 07 72 13 00-0152 | EA | 23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,047.22 | 233.49 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                | 75.54    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                          | 180.26   |        |
| 07 72 13 00-0153 | EA | 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,199.44 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                | 87.11    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                          | 207.05   |        |
| 07 72 13 00-0154 | EA | 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,313.22 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                | 98.49    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                          | 229.81   |        |
| 07 72 13 00-0155 | EA | 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,452.36 | 291.87 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                | 108.75   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                          | 253.99   |        |

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)

|                  |    |                                                                                                                                           |          |        |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| 07 72 13 00-0157 | EA | 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,113.38 | 233.49 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                 | 82.15    |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                           | 193.49   |        |
| 07 72 13 00-0158 | EA | 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,306.78 | 233.49 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                 | 101.49   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                           | 232.17   |        |
| 07 72 13 00-0159 | EA | 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... | 1,385.20 | 262.68 |
|                  |    | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                                                 | 105.69   |        |
|                  |    | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                                                           | 244.21   |        |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                              | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 72 13 00-0160 | EA  |     | 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                                | 1,457.91               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 112.96                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 258.75                 |                      |
| 07 72 13 00-0161 | EA  |     | 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                                | 1,632.66               | 291.87               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 126.78                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 290.05                 |                      |
| 07 72 13 00-0162 | EA  |     | 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                                | 2,595.56               | 321.06               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 219.42                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 478.98                 |                      |
| 07 72 13 00-0163 |     |     | 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)                                                                                                                                                                   |                        |                      |
| 07 72 13 00-0164 | EA  |     | 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                               | 1,456.19               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 116.43                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 262.05                 |                      |
| 07 72 13 00-0165 | EA  |     | 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                                   | 1,653.94               | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 136.21                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 301.60                 |                      |
| 07 72 13 00-0166 | EA  |     | 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....                                                                                                                                                    | 1,961.75               | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 163.34                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 359.52                 |                      |
| 07 72 13 00-0167 |     |     | High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)                                                                                                                                                                                          |                        |                      |
| 07 72 13 00-0168 | EA  |     | 38-1/2" Square Outside Dimensions, 24" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G24).....                                                                                                                                   | 1,303.97               | 109.45               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 119.45                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 249.85                 |                      |
| 07 72 13 00-0169 | EA  |     | 38-1/2" Square Outside Dimensions, 27" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G27).....                                                                                                                                   | 1,388.12               | 109.45               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 127.87                 |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 266.68                 |                      |
| 07 72 13 00-0170 |     |     | Wood, Prefabricated Roof Curbs (07 72 13)                                                                                                                                                                                                                                                |                        |                      |
|                  |     |     | Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim. |                        |                      |
| 07 72 13 00-0171 |     |     | Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0170)                                                                                                                                                                                                                                 |                        |                      |
| 07 72 13 00-0172 |     |     | 2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)                                                                                                                                                                                                                           |                        |                      |
| 07 72 13 00-0173 | EA  |     | 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....                                                                                                                                                                                                      | 757.76                 | 233.49               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 46.59                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 122.37                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....                                                                                                                                                                                                   | -29.70                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....                                                                                                                                                                                              | 15.41                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....                                                                                                                                                                                                                | 39.05                  |                      |
| 07 72 13 00-0174 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....                                                                                                                                                                                                      | 843.62                 | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 51.53                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 135.89                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....                                                                                                                                                                                                   | -44.54                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....                                                                                                                                                                                              | 30.64                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....                                                                                                                                                                                                                | 45.68                  |                      |
| 07 72 13 00-0175 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....                                                                                                                                                                                                      | 899.48                 | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 57.11                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 147.06                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....                                                                                                                                                                                                   | 19.66                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....                                                                                                                                                                                              | 124.94                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....                                                                                                                                                                                                                | 137.83                 |                      |
| 07 72 13 00-0176 | EA  |     | 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....                                                                                                                                                                                                      | 893.04                 | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 56.47                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 145.77                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....                                                                                                                                                                                                   | -70.19                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....                                                                                                                                                                                              | 24.32                  |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....                                                                                                                                                                                                                | 54.40                  |                      |
| 07 72 13 00-0177 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....                                                                                                                                                                                                      | 908.07                 | 262.68               |
|                  |     |     | For Sloped Roofs Up To 1 In 12 Pitch, Add.....                                                                                                                                                                                                                                           | 57.97                  |                      |
|                  |     |     | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....                                                                                                                                                                                                                                     | 148.78                 |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....                                                                                                                                                                                                   | 19.98                  |                      |
|                  |     |     | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....                                                                                                                                                                                              | 123.11                 |                      |
|                  |     |     | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....                                                                                                                                                                                                                | 151.04                 |                      |

**07 Thermal And Moisture Protection****07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST                                 | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------|
| 07 72 13 00-0178 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,017.57<br>65.27<br>167.03<br>25.78<br>139.65<br>182.62  | 291.87                  |
| 07 72 13 00-0179 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 903.78<br>57.54<br>147.92<br>-72.91<br>21.62<br>45.26     | 262.68                  |
| 07 72 13 00-0180 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,036.91<br>67.21<br>170.90<br>-103.96<br>-28.75<br>44.28 | 291.87                  |
| 07 72 13 00-0181 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,182.84<br>74.50<br>192.79<br>33.19<br>153.51<br>207.22  | 350.23                  |
| 07 72 13 00-0182 | EA  |     | 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 998.23<br>63.34<br>163.16<br>26.43<br>97.33<br>178.97     | 291.87                  |
| 07 72 13 00-0183 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,096.97<br>69.57<br>179.26<br>-126.90<br>-21.64<br>44.96 | 321.06                  |
| 07 72 13 00-0184 | EA  |     | 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,225.81<br>78.80<br>201.38<br>39.32<br>144.59<br>252.02  | 350.23                  |
| 07 72 13 00-0185 |     |     | <b>2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)</b>                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                         |
| 07 72 13 00-0186 | EA  |     | 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 770.65<br>47.88<br>124.94<br>-29.70<br>15.41<br>39.05     | 233.49                  |
| 07 72 13 00-0187 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 858.66<br>53.03<br>138.90<br>-44.54<br>30.64<br>45.68     | 262.68                  |
| 07 72 13 00-0188 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 940.30<br>61.20<br>155.23<br>19.66<br>124.94<br>137.83    | 262.68                  |
| 07 72 13 00-0189 | EA  |     | 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 918.82<br>59.05<br>150.93<br>-70.19<br>24.32<br>54.40     | 262.68                  |
| 07 72 13 00-0190 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 940.30<br>61.20<br>155.23<br>19.98<br>123.11<br>151.04    | 262.68                  |
| 07 72 13 00-0191 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,049.80<br>68.50<br>173.48<br>25.78<br>139.65<br>182.62  | 291.87                  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                         | TOTAL DIRECT UNIT COST                                    | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
| 07 72 13 00-0192 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 927.41<br>59.91<br>152.65<br>-72.91<br>21.62<br>45.26     | 262.68               |
| 07 72 13 00-0193 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,066.98<br>70.21<br>176.91<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0194 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,212.91<br>77.51<br>198.80<br>33.19<br>153.51<br>207.22  | 350.23               |
| 07 72 13 00-0195 | EA  |     | 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,021.87<br>65.70<br>167.89<br>26.43<br>97.33<br>178.97   | 291.87               |
| 07 72 13 00-0196 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,124.91<br>72.36<br>184.85<br>-126.90<br>-21.64<br>44.96 | 321.06               |
| 07 72 13 00-0197 | EA  |     | 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,255.88<br>81.81<br>207.40<br>39.32<br>144.59<br>252.02  | 350.23               |
| 07 72 13 00-0198 |     |     | 2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                      |
| 07 72 13 00-0199 | EA  |     | 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 779.24<br>48.74<br>126.66<br>-29.70<br>15.41<br>39.05     | 233.49               |
| 07 72 13 00-0200 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 873.70<br>54.54<br>141.91<br>-44.54<br>30.64<br>45.68     | 262.68               |
| 07 72 13 00-0201 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 944.60<br>61.63<br>156.09<br>19.66<br>124.94<br>137.83    | 262.68               |
| 07 72 13 00-0202 | EA  |     | 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 933.86<br>60.55<br>153.94<br>-70.19<br>24.32<br>54.40     | 262.68               |
| 07 72 13 00-0203 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 959.64<br>63.13<br>159.09<br>19.98<br>123.11<br>151.04    | 262.68               |
| 07 72 13 00-0204 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 1,071.28<br>70.64<br>177.77<br>25.78<br>139.65<br>182.62  | 291.87               |
| 07 72 13 00-0205 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add        | 942.45<br>61.41<br>155.66<br>-72.91<br>21.62<br>45.26     | 262.68               |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT UNIT COST                                    | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
| 07 72 13 00-0206 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,086.32<br>72.15<br>180.78<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0207 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,232.25<br>79.45<br>202.67<br>33.19<br>153.51<br>207.22  | 350.23               |
| 07 72 13 00-0208 | EA  |     | 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,036.91<br>67.21<br>170.90<br>26.43<br>97.33<br>178.97   | 291.87               |
| 07 72 13 00-0209 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,142.09<br>74.08<br>188.29<br>-126.90<br>-21.64<br>44.96 | 321.06               |
| 07 72 13 00-0210 | EA  |     | 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,277.37<br>83.96<br>211.69<br>39.32<br>144.59<br>252.02  | 350.23               |
| 07 72 13 00-0211 |     |     | <b>2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)</b>                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                      |
| 07 72 13 00-0212 | EA  |     | 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 789.99<br>49.81<br>128.81<br>-29.70<br>15.41<br>39.05     | 233.49               |
| 07 72 13 00-0213 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 882.29<br>55.39<br>143.62<br>-44.54<br>30.64<br>45.68     | 262.68               |
| 07 72 13 00-0214 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 963.94<br>63.56<br>159.95<br>19.66<br>124.94<br>137.83    | 262.68               |
| 07 72 13 00-0215 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 981.12<br>65.28<br>163.39<br>19.98<br>123.11<br>151.04    | 262.68               |
| 07 72 13 00-0216 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,094.91<br>73.01<br>182.50<br>25.78<br>139.65<br>182.62  | 291.87               |
| 07 72 13 00-0217 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 961.79<br>63.34<br>159.52<br>-72.91<br>21.62<br>45.26     | 262.68               |
| 07 72 13 00-0218 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,107.81<br>74.30<br>185.08<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0219 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,258.03<br>82.02<br>207.83<br>33.19<br>153.51<br>207.22  | 350.23               |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT<br>UNIT COST                                 | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------|
| 07 72 13 00-0220 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add           | 1,159.28<br>75.80<br>191.72<br>-126.90<br>-21.64<br>44.96 | 321.06                  |
| 07 72 13 00-0221 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0170)                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |                         |
| 07 72 13 00-0222 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |                         |
| 07 72 13 00-0223 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 774.95<br>48.31<br>125.80<br>-29.70<br>15.41<br>39.05     | 233.49                  |
| 07 72 13 00-0224 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 858.66<br>59.03<br>138.90<br>-44.54<br>30.64<br>45.68     | 262.68                  |
| 07 72 13 00-0225 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 927.41<br>59.91<br>152.65<br>19.66<br>124.94<br>137.83    | 262.68                  |
| 07 72 13 00-0226 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 912.37<br>58.40<br>149.64<br>-70.19<br>24.32<br>54.40     | 262.68                  |
| 07 72 13 00-0227 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 931.71<br>60.34<br>153.51<br>19.98<br>123.11<br>151.04    | 262.68                  |
| 07 72 13 00-0228 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,043.35<br>67.85<br>172.19<br>25.78<br>139.65<br>182.62  | 291.87                  |
| 07 72 13 00-0229 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 923.11<br>59.48<br>151.79<br>-72.91<br>21.62<br>45.26     | 262.68                  |
| 07 72 13 00-0230 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,060.54<br>69.57<br>175.62<br>-103.96<br>-28.75<br>44.28 | 291.87                  |
| 07 72 13 00-0231 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,206.47<br>76.87<br>197.51<br>33.19<br>153.51<br>207.22  | 350.23                  |
| 07 72 13 00-0232 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,024.01<br>65.92<br>168.32<br>26.43<br>97.33<br>178.97   | 291.87                  |
| 07 72 13 00-0233 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,120.61<br>71.93<br>183.99<br>-126.90<br>-21.64<br>44.96 | 321.06                  |
| 07 72 13 00-0234 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb.....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,255.88<br>81.81<br>207.40<br>39.32<br>144.59<br>252.02  | 350.23                  |
| 07 72 13 00-0235 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)                                                                                                                                                                                                                                                                                                                                                                                        |                                                           |                         |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                            |          |        |
|------------------|------------------------------------------------------------------------------------------------------------|----------|--------|
| 07 72 13 00-0236 | EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 789.99   | 233.49 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 49.81    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 128.81   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -29.70   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 15.41    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 39.05    |        |
| 07 72 13 00-0237 | EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 875.85   | 262.68 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 54.75    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 142.34   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -44.54   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 30.64    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 45.68    |        |
| 07 72 13 00-0238 | EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 953.19   | 262.68 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 62.48    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 157.80   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 19.66    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 124.94   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 137.83   |        |
| 07 72 13 00-0239 | EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 938.15   | 262.68 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 60.98    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 154.80   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -70.19   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 24.32    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 54.40    |        |
| 07 72 13 00-0240 | EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 966.08   | 262.68 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 63.77    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 160.38   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 19.98    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 123.11   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 151.04   |        |
| 07 72 13 00-0241 | EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 1,082.02 | 291.87 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 71.72    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 179.92   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 25.78    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 139.65   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 182.62   |        |
| 07 72 13 00-0242 | EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 953.19   | 262.68 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 62.48    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 157.80   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -72.91   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 21.62    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 45.26    |        |
| 07 72 13 00-0243 | EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 1,097.06 | 291.87 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 73.22    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 182.93   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -103.96  |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | -28.75   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 44.28    |        |
| 07 72 13 00-0244 | EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 1,247.29 | 350.23 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 80.95    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 205.68   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 33.19    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 153.51   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 207.22   |        |
| 07 72 13 00-0245 | EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 1,051.95 | 291.87 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 68.71    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 173.91   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 26.43    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 97.33    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 178.97   |        |
| 07 72 13 00-0246 | EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb ..... | 1,152.84 | 321.06 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 75.15    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 190.44   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -126.90  |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | -21.64   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 44.96    |        |
| 07 72 13 00-0247 | EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....         | 1,292.41 | 350.23 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 85.46    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 214.70   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | 39.32    |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 144.59   |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 252.02   |        |
| 07 72 13 00-0248 | 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)                                 |          |        |
| 07 72 13 00-0249 | EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....        | 802.88   | 233.49 |
|                  | For Sloped Roofs Up To 1 In 12 Pitch, Add                                                                  | 51.10    |        |
|                  | For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add                                                            | 131.39   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add                          | -29.70   |        |
|                  | For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add                     | 15.41    |        |
|                  | For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add                                       | 39.05    |        |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL DIRECT UNIT COST                                    | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
| 07 72 13 00-0250 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 893.04<br>56.47<br>145.77<br>-44.54<br>30.64<br>45.68     | 262.68               |
| 07 72 13 00-0251 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 978.98<br>65.06<br>162.96<br>19.66<br>124.94<br>137.83    | 262.68               |
| 07 72 13 00-0252 | EA  |     | 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 957.49<br>62.91<br>158.66<br>-70.19<br>24.32<br>54.40     | 262.68               |
| 07 72 13 00-0253 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 991.87<br>66.35<br>165.54<br>19.98<br>123.11<br>151.04    | 262.68               |
| 07 72 13 00-0254 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,109.95<br>74.51<br>185.51<br>25.78<br>139.65<br>182.62  | 291.87               |
| 07 72 13 00-0255 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 972.53<br>64.42<br>161.67<br>-72.91<br>21.62<br>45.26     | 262.68               |
| 07 72 13 00-0256 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,120.70<br>75.59<br>187.66<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0257 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,273.07<br>83.63<br>210.83<br>33.19<br>153.51<br>207.22  | 350.23               |
| 07 72 13 00-0258 | EA  |     | 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,073.43<br>70.86<br>178.20<br>26.43<br>97.33<br>178.97   | 291.87               |
| 07 72 13 00-0259 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,176.47<br>77.52<br>195.16<br>-126.90<br>-21.64<br>44.96 | 321.06               |
| 07 72 13 00-0260 | EA  |     | 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,320.34<br>88.25<br>220.29<br>39.32<br>144.59<br>252.02  | 350.23               |
| 07 72 13 00-0261 |     |     | 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |                      |
| 07 72 13 00-0262 | EA  |     | 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 828.66<br>53.68<br>136.55<br>-29.70<br>15.41<br>39.05     | 233.49               |
| 07 72 13 00-0263 | EA  |     | 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 905.93<br>57.76<br>148.35<br>-44.54<br>30.64<br>45.68     | 262.68               |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL DIRECT UNIT COST                                    | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
| 07 72 13 00-0264 | EA  |     | 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 998.31<br>67.00<br>166.83<br>19.66<br>124.94<br>137.83    | 262.68               |
| 07 72 13 00-0265 | EA  |     | 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,013.35<br>68.50<br>169.84<br>19.98<br>123.11<br>151.04  | 262.68               |
| 07 72 13 00-0266 | EA  |     | 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,191.60<br>82.68<br>201.84<br>25.78<br>139.65<br>182.62  | 291.87               |
| 07 72 13 00-0267 | EA  |     | 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,034.84<br>70.65<br>174.13<br>-72.91<br>21.62<br>45.26   | 262.68               |
| 07 72 13 00-0268 | EA  |     | 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,195.89<br>83.11<br>202.69<br>-103.96<br>-28.75<br>44.28 | 291.87               |
| 07 72 13 00-0269 | EA  |     | 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add         | 1,359.01<br>92.12<br>228.02<br>33.19<br>153.51<br>207.22  | 350.23               |
| 07 72 13 00-0270 | EA  |     | 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....<br>For Sloped Roofs Up To 1 In 12 Pitch, Add<br>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add<br>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add<br>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add | 1,255.96<br>85.46<br>211.06<br>-126.90<br>-21.64<br>44.96 | 321.06               |
| 07 72 13 00-0271 |     |     | Penetration Seals (ChemLink) <small>(07 72 13)</small>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |                      |
| 07 72 13 00-0272 |     |     | ChemCurb Penetration Seals (ChemLink ChemCurb) <small>(07 72 13 00-0271)</small>                                                                                                                                                                                                                                                                                                                                                                                |                                                           |                      |
| 07 72 13 00-0273 | EA  |     | 5" Inside Diameter Penetration Seals (ChemLink ChemCurb System) .....<br>Note: Includes 5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                    | 126.23                                                    |                      |
| 07 72 13 00-0274 | EA  |     | 7-1/2" Inside Diameter Penetration Seals (ChemLink ChemCurb System) .....<br>Note: Includes 7.5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                              | 206.10                                                    |                      |
| 07 72 13 00-0275 |     |     | E-Curb Penetration Seals (ChemLink E-Curb) <small>(07 72 13 00-0271)</small>                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |                      |
| 07 72 13 00-0276 | EA  |     | 3" Inside Diameter E-Curb Penetration Seals (ChemLink) .....<br>Note: Includes 3-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                               | 57.32                                                     |                      |
| 07 72 13 00-0277 | EA  |     | 4" Inside Diameter E-Curb Penetration Seals (ChemLink) .....<br>Note: Includes 4-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                               | 70.70                                                     |                      |
| 07 72 13 00-0278 | EA  |     | 5" Inside Diameter E-Curb Penetration Seals (ChemLink) .....<br>Note: Includes 5-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                               | 93.98                                                     |                      |
| 07 72 13 00-0279 | EA  |     | 6" Inside Diameter E-Curb Penetration Seals (ChemLink) .....<br>Note: Includes 6-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                               | 99.13                                                     |                      |
| 07 72 13 00-0280 | EA  |     | 9" Inside Diameter E-Curb Penetration Seals (ChemLink) .....<br>Note: Includes 9-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant                                                                                                                                                                                                                                                                               | 134.36                                                    |                      |
| 07 72 13 00-0281 |     |     | ChemCurb And E-Curb Penetration Seals Accessories <small>(07 72 13 00-0271)</small>                                                                                                                                                                                                                                                                                                                                                                             |                                                           |                      |
| 07 72 13 00-0282 | EA  |     | 5" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) .....<br>Note: For use with ChemCurb seals too make oval/rectangular curbs.                                                                                                                                                                                                                                                                                                                    | 43.37                                                     |                      |
| 07 72 13 00-0283 | EA  |     | 12" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) .....<br>Note: For use with ChemCurb seals too make oval/rectangular curbs.                                                                                                                                                                                                                                                                                                                   | 48.44                                                     |                      |
| 07 72 13 00-0284 | EA  |     | 8" Long E-Curb Straight Piece For Penetration Seals (ChemLink) .....<br>Note: For use with E-Curb seals too make rectangular or "L" shaped curbs.                                                                                                                                                                                                                                                                                                               | 18.90                                                     |                      |
| 07 72 13 00-0285 | EA  |     | 1/2 Gallon, 1-Part Pourable Penetration Sealant (ChemLink SS-Chem-F1426) .....<br>Note: For use with ChemCurb and E-Curb seals.                                                                                                                                                                                                                                                                                                                                 | 78.27                                                     |                      |
| 07 72 13 00-0286 | EA  |     | 10.1 oz, M-1 Structural Adhesive/Sealant (ChemLink SS-Chem-F1270) .....<br>Note: For use with ChemCurb and E-Curb seals.                                                                                                                                                                                                                                                                                                                                        | 23.81                                                     |                      |



| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 72 23         |     | Relief Vents (07 72)                                                                                                                 |                           |                         |
| 07 72 23 00-0001 |     | Wind Driven Turbine Ventilators (07 72 23)<br>Note: Excludes curb or flange base.                                                    |                           |                         |
| 07 72 23 00-0002 |     | Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)                                                                 |                           |                         |
| 07 72 23 00-0003 | EA  | 6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add    | 167.36<br>186.04          | 33.11                   |
| 07 72 23 00-0004 | EA  | 9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add    | 201.03<br>204.43          | 36.67                   |
| 07 72 23 00-0005 | EA  | 12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 216.76<br>227.36          | 43.76                   |
| 07 72 23 00-0006 | EA  | 15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 418.48<br>366.74          | 48.49                   |
| 07 72 23 00-0007 | EA  | 18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 577.17<br>397.18          | 54.40                   |
| 07 72 23 00-0008 | EA  | 21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 696.79<br>431.15          | 59.13                   |
| 07 72 23 00-0009 | EA  | 24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 890.63<br>528.25          | 66.23                   |
| 07 72 23 00-0010 | EA  | 36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add   | 1,472.65<br>867.19        | 88.70                   |
| 07 72 23 00-0011 |     | Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)                                                             |                           |                         |
| 07 72 23 00-0012 | EA  | 6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add  | 163.69<br>194.46          | 33.11                   |
| 07 72 23 00-0013 | EA  | 9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add  | 204.48<br>214.05          | 36.67                   |
| 07 72 23 00-0014 | EA  | 12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 228.71<br>236.96          | 43.76                   |
| 07 72 23 00-0015 | EA  | 15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 410.49<br>409.12          | 48.49                   |
| 07 72 23 00-0016 | EA  | 18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 530.57<br>436.89          | 54.40                   |
| 07 72 23 00-0017 | EA  | 21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 672.25<br>492.67          | 59.13                   |
| 07 72 23 00-0018 | EA  | 24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 909.10<br>595.77          | 66.23                   |
| 07 72 23 00-0019 | EA  | 36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator.....<br>For Curb Or Flange Base, Add | 1,355.18<br>897.29        | 88.70                   |
| 07 72 23 00-0020 |     | Stationary Siphon Ventilators (07 72 23)<br>Note: Excludes curb or flange base.                                                      |                           |                         |
| 07 72 23 00-0021 |     | Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)                                                                   |                           |                         |
| 07 72 23 00-0022 | EA  | 6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                      | 141.00<br>186.04          | 33.11                   |
| 07 72 23 00-0023 | EA  | 9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                      | 185.96<br>204.43          | 36.67                   |
| 07 72 23 00-0024 | EA  | 12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 204.40<br>227.36          | 43.76                   |
| 07 72 23 00-0025 | EA  | 15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 350.85<br>366.74          | 48.49                   |
| 07 72 23 00-0026 | EA  | 18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 406.00<br>397.18          | 54.40                   |
| 07 72 23 00-0027 | EA  | 21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 575.82<br>431.15          | 59.13                   |
| 07 72 23 00-0028 | EA  | 24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 750.43<br>528.25          | 66.23                   |
| 07 72 23 00-0029 | EA  | 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                     | 1,088.05<br>867.19        | 88.70                   |
| 07 72 23 00-0030 |     | Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)                                                               |                           |                         |
| 07 72 23 00-0031 | EA  | 6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                    | 157.23<br>194.46          | 33.11                   |
| 07 72 23 00-0032 | EA  | 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                    | 208.34<br>214.05          | 36.67                   |
| 07 72 23 00-0033 | EA  | 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 231.96<br>236.96          | 43.76                   |
| 07 72 23 00-0034 | EA  | 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 380.06<br>409.12          | 48.49                   |
| 07 72 23 00-0035 | EA  | 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 478.86<br>436.89          | 54.40                   |
| 07 72 23 00-0036 | EA  | 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 588.21<br>492.67          | 59.13                   |
| 07 72 23 00-0037 | EA  | 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 844.49<br>595.77          | 66.23                   |
| 07 72 23 00-0038 | EA  | 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....<br>For Curb Or Flange Base, Add                   | 1,272.59<br>897.29        | 88.70                   |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                         |    |                                                                                                |          |        |
|-------------------------|----|------------------------------------------------------------------------------------------------|----------|--------|
| <b>07 72 23 00-0039</b> |    | <b>Spun Aluminum, Stationary Mushroom Gravity Ventilators</b> (07 72 23)                       |          |        |
|                         |    | Note: Includes flange base and bird screen. Excludes curb.                                     |          |        |
| 07 72 23 00-0040        | EA | 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....               | 317.43   | 53.22  |
|                         |    | For Backdraft Damper, Add .....                                                                | 175.52   |        |
|                         |    | For Curb Base, Add .....                                                                       | 252.20   |        |
| 07 72 23 00-0041        | EA | 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 393.57   | 59.13  |
|                         |    | For Backdraft Damper, Add .....                                                                | 192.04   |        |
|                         |    | For Curb Base, Add .....                                                                       | 275.76   |        |
| 07 72 23 00-0042        | EA | 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 443.78   | 70.97  |
|                         |    | For Backdraft Damper, Add .....                                                                | 262.25   |        |
|                         |    | For Curb Base, Add .....                                                                       | 350.33   |        |
| 07 72 23 00-0043        | EA | 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 544.12   | 78.06  |
|                         |    | For Backdraft Damper, Add .....                                                                | 299.41   |        |
|                         |    | For Curb Base, Add .....                                                                       | 406.63   |        |
| 07 72 23 00-0044        | EA | 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 1,482.35 | 106.45 |
|                         |    | For Backdraft Damper, Add .....                                                                | 375.82   |        |
|                         |    | For Curb Base, Add .....                                                                       | 534.79   |        |
| 07 72 23 00-0045        | EA | 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 1,812.83 | 123.00 |
|                         |    | For Backdraft Damper, Add .....                                                                | 443.96   |        |
|                         |    | For Curb Base, Add .....                                                                       | 640.00   |        |
| 07 72 23 00-0046        | EA | 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 2,479.63 | 141.92 |
|                         |    | For Backdraft Damper, Add .....                                                                | 443.96   |        |
|                         |    | For Curb Base, Add .....                                                                       | 663.49   |        |
| 07 72 23 00-0047        | EA | 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 3,502.42 | 153.76 |
|                         |    | For Backdraft Damper, Add .....                                                                | 464.61   |        |
|                         |    | For Curb Base, Add .....                                                                       | 686.43   |        |
| 07 72 23 00-0048        | EA | 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....              | 5,060.04 | 165.58 |
|                         |    | For Backdraft Damper, Add .....                                                                | 516.23   |        |
|                         |    | For Curb Base, Add .....                                                                       | 773.39   |        |
| <b>07 72 23 00-0049</b> |    | <b>Galvanized Steel, Stationary Gooseneck Ventilators</b> (07 72 23)                           |          |        |
|                         |    | Note: Includes flange base and bird screen. Excludes curb.                                     |          |        |
| 07 72 23 00-0050        | EA | 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....                     | 589.03   | 59.13  |
| 07 72 23 00-0051        | EA | 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....                   | 688.33   | 78.06  |
| 07 72 23 00-0052        | EA | 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....                   | 992.85   | 106.45 |
| 07 72 23 00-0053        | EA | 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....                   | 1,553.37 | 123.00 |
| <b>07 72 26</b>         |    | <b>Ridge Vents</b> (07 72)                                                                     |          |        |
| <b>07 72 26 00-0001</b> |    | <b>Aluminum Ridge Vents</b> (07 72 26)                                                         |          |        |
| 07 72 26 00-0002        | LF | Aluminum Ridge Vent Strips .....                                                               | 14.89    | 3.43   |
| 07 72 26 00-0003        | EA | Aluminum Ridge Univent Connectors .....                                                        | 55.28    | 21.33  |
| 07 72 26 00-0004        | EA | Aluminum Ridge Univent End Cap .....                                                           | 50.89    | 21.33  |
| <b>07 72 26 00-0005</b> |    | <b>Galvanized Ridge Vents</b> (07 72 26)                                                       |          |        |
| 07 72 26 00-0006        | LF | Galvanized Sheet Metal Ridge Vent Strips .....                                                 | 13.74    | 3.67   |
| <b>07 72 29</b>         |    | <b>Rafter Vent</b> (07 72)                                                                     |          |        |
| <b>07 72 29 00-0001</b> |    | <b>Rafter Vent</b> (07 72 29)                                                                  |          |        |
|                         |    | Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents. |          |        |
| 07 72 29 00-0002        | EA | 22" x 4" Rafter Vent .....                                                                     | 10.49    |        |
| 07 72 29 00-0003        | EA | 14" x 4" Rafter Vent .....                                                                     | 9.42     |        |
| <b>07 72 33</b>         |    | <b>Roof Hatches</b> (07 72)                                                                    |          |        |
|                         |    | Note: Includes curb with integral insulation, lockable hatch and gaskets.                      |          |        |
| <b>07 72 33 00-0001</b> |    | <b>Galvanized Steel Cover And Curb</b> (07 72 33)                                              |          |        |
| 07 72 33 00-0002        | EA | 2'-6" x 3'-0" Galvanized Steel Roof Hatch .....                                                | 1,365.41 | 155.28 |
| 07 72 33 00-0003        | EA | 2'-6" x 4'-6" Galvanized Steel Roof Hatch .....                                                | 2,011.63 | 172.53 |
| 07 72 33 00-0004        | EA | 2'-6" x 8'-0" Galvanized Steel Roof Hatch .....                                                | 3,562.16 | 235.29 |
| 07 72 33 00-0005        | EA | 3'-0" x 3'-0" Galvanized Steel Roof Hatch .....                                                | 1,984.11 | 172.53 |
| 07 72 33 00-0006        | EA | 4'-0" x 4'-0" Galvanized Steel Roof Hatch .....                                                | 2,239.59 | 191.73 |
| 07 72 33 00-0007        | EA | 3'-0" x 8'-0" Galvanized Steel Roof Hatch .....                                                | 3,681.71 | 261.50 |
| <b>07 72 33 00-0008</b> |    | <b>Aluminum Cover And Curb</b> (07 72 33)                                                      |          |        |
| 07 72 33 00-0009        | EA | 2'-6" x 3'-0" Aluminum Roof Hatch .....                                                        | 1,285.47 | 155.28 |
| 07 72 33 00-0010        | EA | 2'-6" x 4'-6" Aluminum Roof Hatch .....                                                        | 1,672.42 | 172.53 |
| 07 72 33 00-0011        | EA | 2'-6" x 8'-0" Aluminum Roof Hatch .....                                                        | 3,044.10 | 235.29 |
| 07 72 33 00-0012        | EA | 3'-0" x 3'-0" Aluminum Roof Hatch .....                                                        | 1,636.80 | 172.53 |
| 07 72 33 00-0013        | EA | 4'-0" x 4'-0" Aluminum Roof Hatch .....                                                        | 2,923.65 | 191.73 |
| 07 72 33 00-0014        | EA | 3'-0" x 8'-0" Aluminum Roof Hatch .....                                                        | 3,209.13 | 261.50 |
| 07 72 33 00-0015        | EA | 3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight .....                                        | 1,836.75 | 172.53 |



| MINOR<br>CSI UOM DESCRIPTION                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 72 33 00-0016 Steel, Plain, Primed (07 72 33)                                                        |                           |                         |
| 07 72 33 00-0017 EA 2'-6" x 3'-0" Plain Steel Roof Hatch Primed .....                                   | 1,308.42                  | 155.28                  |
| 07 72 33 00-0018 EA 2'-6" x 4'-6" Plain Steel Roof Hatch Primed .....                                   | 1,774.93                  | 172.53                  |
| 07 72 33 00-0019 EA 2'-6" x 8'-0" Plain Steel Roof Hatch Primed .....                                   | 2,431.70                  | 235.29                  |
| 07 72 33 00-0020 EA 3'-0" x 3'-0" Plain Steel Roof Hatch Primed .....                                   | 1,647.61                  | 172.53                  |
| 07 72 33 00-0021 EA 4'-0" x 4'-0" Plain Steel Roof Hatch Primed .....                                   | 2,022.49                  | 191.73                  |
| 07 72 33 00-0022 EA 3'-0" x 8'-0" Plain Steel Roof Hatch Primed .....                                   | 2,748.20                  | 261.50                  |
| 07 72 33 00-0023 Stainless Steel (07 72 33)                                                             |                           |                         |
| 07 72 33 00-0024 EA 2'-6" x 3'-0" Stainless Steel Roof Hatch .....                                      | 3,037.45                  | 155.28                  |
| 07 72 33 00-0025 EA 2'-6" x 4'-6" Stainless Steel Roof Hatch .....                                      | 5,838.81                  | 172.53                  |
| 07 72 33 00-0026 EA 2'-6" x 8'-0" Stainless Steel Roof Hatch .....                                      | 8,785.36                  | 235.29                  |
| 07 72 33 00-0027 EA 3'-0" x 3'-0" Stainless Steel Roof Hatch .....                                      | 4,681.37                  | 172.53                  |
| 07 72 33 00-0028 EA 4'-0" x 4'-0" Stainless Steel Roof Hatch .....                                      | 9,927.97                  | 191.73                  |
| 07 72 33 00-0029 EA 3'-0" x 8'-0" Stainless Steel Roof Hatch .....                                      | 11,110.93                 | 261.50                  |
| 07 72 33 00-0030 Removal And Reinstallation Of Roof Hatch (07 72 33)                                    |                           |                         |
| Note: Includes storage, cleaning and supply materials.                                                  |                           |                         |
| 07 72 33 00-0031 EA Removal And Reinstallation Of Roof Hatch (All Types) .....                          | 477.61                    |                         |
| 07 72 33 00-0032 Aluminum Cover And Galvanized Steel Curb (07 72 33)                                    |                           |                         |
| 07 72 33 00-0033 EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof .....                      | 1,244.94                  | 172.53                  |
| 07 72 33 00-0034 EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof .....                      | 1,631.89                  | 191.73                  |
| 07 72 33 00-0035 EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof .....                      | 2,938.71                  | 261.39                  |
| 07 72 33 00-0036 EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof .....                      | 1,604.37                  | 177.93                  |
| 07 72 33 00-0037 EA Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof .....                      | 2,834.48                  | 197.12                  |
| 07 72 33 00-0038 Roof Hatch Accessories (07 72 33)                                                      |                           |                         |
| 07 72 33 00-0039 EA Enamel Steel, Roof Hatch Ladderup Safety Post .....                                 | 854.37                    | 80.88                   |
| 07 72 33 00-0040 Roof Hatch Safety Railing (07 72 33)                                                   |                           |                         |
| Note: Included mounting bracket to attach to roof hatch                                                 |                           |                         |
| 07 72 33 00-0041 EA 24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 2,016.92                  |                         |
| 07 72 33 00-0042 EA 24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 2,093.54                  |                         |
| 07 72 33 00-0043 EA 30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 2,146.76                  |                         |
| 07 72 33 00-0044 EA 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 2,337.17                  |                         |
| 07 72 33 00-0045 EA 36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 2,556.82                  |                         |
| 07 72 33 00-0046 EA 48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....     | 3,275.41                  |                         |
| 07 72 36 Smoke Vents (07 72)                                                                            |                           |                         |
| 07 72 36 00-0001 Fire Vent (07 72 36)                                                                   |                           |                         |
| 07 72 36 00-0002 Galvanized Steel Covers And Curb (07 72 36 00-0001)                                    |                           |                         |
| 07 72 36 00-0003 EA 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 3,602.36                  | 143.85                  |
| 07 72 36 00-0004 EA 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 4,139.15                  | 197.76                  |
| 07 72 36 00-0005 EA 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 4,719.70                  | 215.77                  |
| 07 72 36 00-0006 EA 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 4,811.86                  | 226.56                  |
| 07 72 36 00-0007 EA 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 5,593.69                  | 197.76                  |
| 07 72 36 00-0008 EA 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 5,946.30                  | 215.77                  |
| 07 72 36 00-0009 EA 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 6,277.17                  | 233.78                  |
| 07 72 36 00-0010 EA 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 7,150.80                  | 251.79                  |
| 07 72 36 00-0011 EA 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....          | 8,881.95                  | 269.69                  |
| 07 72 36 00-0012 EA 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 5,940.67                  | 233.78                  |
| 07 72 36 00-0013 EA 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....          | 12,534.43                 | 287.70                  |
| 07 72 36 00-0014 EA 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....           | 6,840.89                  | 305.71                  |
| 07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)                           |                           |                         |
| 07 72 36 00-0016 EA 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 2,842.33                  | 143.85                  |
| 07 72 36 00-0017 EA 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 3,255.61                  | 197.76                  |
| 07 72 36 00-0018 EA 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 3,663.59                  | 215.77                  |
| 07 72 36 00-0019 EA 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 3,793.26                  | 226.56                  |
| 07 72 36 00-0020 EA 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 3,685.28                  | 197.76                  |
| 07 72 36 00-0021 EA 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 4,709.40                  | 215.77                  |
| 07 72 36 00-0022 EA 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 5,036.30                  | 233.78                  |
| 07 72 36 00-0023 EA 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 4,901.11                  | 251.79                  |
| 07 72 36 00-0024 EA 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent ..... | 6,889.95                  | 269.69                  |
| 07 72 36 00-0025 EA 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 4,752.55                  | 233.78                  |
| 07 72 36 00-0026 EA 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent ..... | 9,040.96                  | 287.70                  |
| 07 72 36 00-0027 EA 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....  | 4,657.70                  | 305.71                  |
| 07 72 36 00-0028 Aluminum Covers And Curb (07 72 36 00-0001)                                            |                           |                         |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



| MINOR                                                                                                                  | CSI | UOM | DESCRIPTION                                                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------------------------------------------------------------------------------------------------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 72 36 00-0029                                                                                                       | EA  |     | 4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 3,101.75               | 143.85               |
| 07 72 36 00-0030                                                                                                       | EA  |     | 4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 3,685.28               | 197.76               |
| 07 72 36 00-0031                                                                                                       | EA  |     | 4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 4,044.62               | 215.77               |
| 07 72 36 00-0032                                                                                                       | EA  |     | 4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 4,279.68               | 226.56               |
| 07 72 36 00-0033                                                                                                       | EA  |     | 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 3,879.84               | 197.76               |
| 07 72 36 00-0034                                                                                                       | EA  |     | 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 4,912.07               | 215.77               |
| 07 72 36 00-0035                                                                                                       | EA  |     | 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 5,214.65               | 233.78               |
| 07 72 36 00-0036                                                                                                       | EA  |     | 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 5,387.53               | 251.79               |
| 07 72 36 00-0037                                                                                                       | EA  |     | 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                         | 6,541.35               | 269.69               |
| 07 72 36 00-0038                                                                                                       | EA  |     | 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 4,979.55               | 233.78               |
| 07 72 36 00-0039                                                                                                       | EA  |     | 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                         | 9,875.99               | 287.70               |
| 07 72 36 00-0040                                                                                                       | EA  |     | 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....                                                          | 5,144.12               | 305.71               |
| <b>07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)</b>               |     |     |                                                                                                                            |                        |                      |
| 07 72 36 00-0042                                                                                                       | EA  |     | 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....             | 3,069.32               | 143.42               |
| 07 72 36 00-0043                                                                                                       | EA  |     | 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....             | 3,887.94               | 197.76               |
| 07 72 36 00-0044                                                                                                       | EA  |     | 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....             | 4,109.43               | 226.56               |
| 07 72 36 00-0045                                                                                                       | EA  |     | 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....             | 4,414.91               | 197.76               |
| 07 72 36 00-0046                                                                                                       | EA  |     | 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....             | 4,657.92               | 251.79               |
| <b>07 72 46 Roof Walkways (07 72)</b>                                                                                  |     |     |                                                                                                                            |                        |                      |
| <b>07 72 46 00-0001 Recycled Rubber Walkway Pads (07 72 46)</b>                                                        |     |     |                                                                                                                            |                        |                      |
| 07 72 46 00-0002                                                                                                       | SF  |     | 3/8" Thick, Button Surface, Recycled Rubber Walkway Pad .....                                                              | 12.19                  | 2.78                 |
|                                                                                                                        |     |     | For Diamond Surface, Add .....                                                                                             | 1.13                   |                      |
| 07 72 46 00-0003                                                                                                       | SF  |     | 1/2" Thick, Button Surface, Recycled Rubber Walkway Pad .....                                                              | 13.60                  | 3.34                 |
|                                                                                                                        |     |     | For Diamond Surface, Add .....                                                                                             | 1.31                   |                      |
| 07 72 46 00-0004                                                                                                       | SF  |     | 3/4" Thick, Button Surface, Recycled Rubber Walkway Pad .....                                                              | 15.03                  | 3.34                 |
|                                                                                                                        |     |     | For Diamond Surface, Add .....                                                                                             | 1.47                   |                      |
| <b>07 72 63 Waste Containment Assemblies (07 72)</b>                                                                   |     |     |                                                                                                                            |                        |                      |
| <b>07 72 63 00-0001 Rooftop Oil And Grease Containment System (07 72 63)</b>                                           |     |     |                                                                                                                            |                        |                      |
| <b>07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)</b> |     |     |                                                                                                                            |                        |                      |
| 07 72 63 00-0003                                                                                                       | EA  |     | 48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E) .....   | 3,089.51               | 229.30               |
| 07 72 63 00-0004                                                                                                       | EA  |     | 60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E) .....   | 3,457.25               | 229.30               |
| 07 72 63 00-0005                                                                                                       | EA  |     | 60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E) .....   | 4,247.86               | 238.48               |
| 07 72 63 00-0006                                                                                                       | EA  |     | 72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E) .....   | 4,226.84               | 238.48               |
| 07 72 63 00-0007                                                                                                       | EA  |     | 72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E) .....  | 5,529.59               | 257.97               |
| 07 72 63 00-0008                                                                                                       | EA  |     | 72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E) .....  | 4,305.19               | 257.97               |
| 07 72 63 00-0009                                                                                                       | EA  |     | 90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E) .....   | 4,795.35               | 305.66               |
| 07 72 63 00-0010                                                                                                       | EA  |     | 108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E) ..... | 7,074.07               | 382.14               |
| 07 72 63 00-0011                                                                                                       | EA  |     | 120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E) ..... | 8,797.67               | 382.14               |
| 07 72 63 00-0012                                                                                                       | EA  |     | 144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E) ..... | 11,162.38              | 382.14               |
| <b>07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)</b>   |     |     |                                                                                                                            |                        |                      |
| 07 72 63 00-0014                                                                                                       | EA  |     | 48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100) .....     | 3,809.33               | 229.30               |
| 07 72 63 00-0015                                                                                                       | EA  |     | 60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101) .....     | 4,287.54               | 229.30               |
| 07 72 63 00-0016                                                                                                       | EA  |     | 60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106) .....     | 5,304.11               | 238.48               |
| 07 72 63 00-0017                                                                                                       | EA  |     | 72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102) .....     | 5,398.72               | 238.48               |
| 07 72 63 00-0018                                                                                                       | EA  |     | 72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103) .....    | 7,720.89               | 257.97               |
| 07 72 63 00-0019                                                                                                       | EA  |     | 72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111) .....    | 8,472.35               | 257.97               |
| 07 72 63 00-0020                                                                                                       | EA  |     | 90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105) .....     | 7,864.21               | 305.66               |
| 07 72 63 00-0021                                                                                                       | EA  |     | 108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112) .....   | 8,850.22               | 382.14               |
| 07 72 63 00-0022                                                                                                       | EA  |     | 120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107) .....   | 11,094.06              | 382.14               |





| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                             | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 72 63 00-0023 EA 144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....                                              | 14,168.18                 | 382.14                  |
| 07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System<br>(07 72 63)<br>Note: Includes removing old filters and installing new filters.                  |                           |                         |
| 07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)                                                                 |                           |                         |
| 07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)                                                     |                           |                         |
| 07 72 63 00-0027 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E).....   | 255.58                    |                         |
| 07 72 63 00-0028 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E).....   | 360.69                    |                         |
| 07 72 63 00-0029 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E).....   | 518.32                    |                         |
| 07 72 63 00-0030 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E).....   | 477.24                    |                         |
| 07 72 63 00-0031 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E).....  | 897.63                    |                         |
| 07 72 63 00-0032 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E).....  | 908.13                    |                         |
| 07 72 63 00-0033 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E).....   | 698.91                    |                         |
| 07 72 63 00-0034 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)..... | 909.10                    |                         |
| 07 72 63 00-0035 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)..... | 1,334.75                  |                         |
| 07 72 63 00-0036 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)..... | 1,760.40                  |                         |
| 07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)                                                                       |                           |                         |
| 07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)                                                           |                           |                         |
| 07 72 63 00-0039 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC).....        | 535.51                    |                         |
| 07 72 63 00-0040 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC).....        | 714.19                    |                         |
| 07 72 63 00-0041 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC).....        | 1,040.00                  |                         |
| 07 72 63 00-0042 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC).....        | 967.38                    |                         |
| 07 72 63 00-0043 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC).....       | 1,865.97                  |                         |
| 07 72 63 00-0044 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC).....       | 1,876.47                  |                         |
| 07 72 63 00-0045 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC).....        | 1,388.72                  |                         |
| 07 72 63 00-0046 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC).....      | 1,877.44                  |                         |
| 07 72 63 00-0047 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC).....      | 2,755.00                  |                         |
| 07 72 63 00-0048 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC).....      | 3,669.36                  |                         |
| 07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)                                                           |                           |                         |
| 07 72 63 00-0050 SET 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C).....         | 666.89                    |                         |
| 07 72 63 00-0051 SET 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C).....         | 829.80                    |                         |
| 07 72 63 00-0052 SET 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C).....         | 1,218.65                  |                         |
| 07 72 63 00-0053 SET 72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C).....         | 1,151.30                  |                         |
| 07 72 63 00-0054 SET 72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C).....        | 2,249.57                  |                         |
| 07 72 63 00-0055 SET 72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C).....        | 2,239.07                  |                         |
| 07 72 63 00-0056 SET 90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C).....         | 1,630.47                  |                         |
| 07 72 63 00-0057 SET 108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C).....       | 2,261.04                  |                         |
| 07 72 63 00-0058 SET 120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C).....       | 3,175.40                  |                         |

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 72 63 00-0059 SET 144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C).....4,420.82

**07 73 Roof Protection Board** (07 70)

07 73 00 00-0001 Roof Protection Board (07 73)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

|                  |    |                                                                                                                                                                       |       |      |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|
| 07 73 00 00-0003 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....                       | 3.98  | 0.57 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.91 |      |
| 07 73 00 00-0004 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....                       | 4.50  | 0.63 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.94 |      |
| 07 73 00 00-0005 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....                       | 4.74  | 0.69 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.95 |      |
| 07 73 00 00-0006 | SF | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)..... | 4.04  | 0.57 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.91 |      |
| 07 73 00 00-0007 | SF | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)..... | 4.59  | 0.63 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.94 |      |
| 07 73 00 00-0008 | SF | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)..... | 4.83  | 0.69 |
|                  |    | <i>For No Adhesive, Deduct</i> .....                                                                                                                                  | -0.95 |      |

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

|                  |    |                                                                                                                                                            |      |      |
|------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 07 73 00 00-0010 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....                       | 3.80 | 0.57 |
| 07 73 00 00-0011 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....                       | 4.34 | 0.63 |
| 07 73 00 00-0012 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....                       | 4.60 | 0.69 |
| 07 73 00 00-0013 | SF | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)..... | 3.86 | 0.57 |
| 07 73 00 00-0014 | SF | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)..... | 4.43 | 0.63 |
| 07 73 00 00-0015 | SF | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)..... | 4.69 | 0.69 |

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

Note: Mechanically fastened to wood or steel.

|                  |    |                                                                                                                                                 |      |      |
|------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
| 07 73 00 00-0017 | SF | 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)..... | 3.79 | 0.57 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                                                         | 1.53 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, Add</i> .....                                                                                           | 2.04 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                                                            | 0.73 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                                                 | 2.78 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....                                                                   | 2.54 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                                                           | 1.09 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                                                                | 3.80 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....                                                                  | 3.81 |      |
| 07 73 00 00-0018 | SF | 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)..... | 4.31 | 0.63 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                                                         | 1.53 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, Add</i> .....                                                                                           | 2.04 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                                                            | 0.73 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                                                 | 2.86 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....                                                                   | 2.54 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                                                           | 1.09 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                                                                | 3.88 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....                                                                  | 3.81 |      |
| 07 73 00 00-0019 | SF | 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)..... | 4.55 | 0.69 |
|                  |    | <i>For Mechanically Fastened To Concrete, Add</i> .....                                                                                         | 1.53 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, Add</i> .....                                                                                           | 2.04 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i> .....                                                            | 0.73 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i> .....                                                                 | 2.92 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i> .....                                                                   | 2.54 |      |
|                  |    | <i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i> .....                                                           | 1.09 |      |
|                  |    | <i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i> .....                                                                | 3.94 |      |
|                  |    | <i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i> .....                                                                  | 3.81 |      |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                           | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 73 00 00-0020 | SF  |     | 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)..... | 3.85                   | 0.57                 |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                       | 2.78                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                      | 3.80                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                        | 3.81                   |                      |
| 07 73 00 00-0021 | SF  |     | 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)..... | 4.40                   | 0.63                 |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                       | 2.86                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                      | 3.88                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                        | 3.81                   |                      |
| 07 73 00 00-0022 | SF  |     | 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)..... | 4.64                   | 0.69                 |
|                  |     |     | For Mechanically Fastened To Concrete, Add                                                                                                                            | 1.53                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, Add                                                                                                                              | 2.04                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add                                                                                                  | 0.73                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add                                                                                                       | 2.92                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add                                                                                                         | 2.54                   |                      |
|                  |     |     | For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add                                                                                                 | 1.09                   |                      |
|                  |     |     | For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add                                                                                                      | 3.94                   |                      |
|                  |     |     | For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add                                                                                                        | 3.81                   |                      |

## 07 76 Roof Pavers (07 70)

### 07 76 16 Roof Decking Pavers (07 76)

#### 07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

|                  |    |                                                |       |      |
|------------------|----|------------------------------------------------|-------|------|
| 07 76 16 00-0002 | SF | Up To 100 SF, 2" Concrete Roof Paver .....     | 12.17 | 7.23 |
|                  |    | For 1-1/2" Thickness, Deduct                   | -1.22 |      |
|                  |    | For 2-1/2" Thickness, Add                      | 1.35  |      |
|                  |    | For 3" Thickness, Add                          | 2.71  |      |
| 07 76 16 00-0003 | SF | >100 To 200 SF, 2" Concrete Roof Paver .....   | 10.92 | 5.45 |
|                  |    | For 1-1/2" Thickness, Deduct                   | -1.09 |      |
|                  |    | For 2-1/2" Thickness, Add                      | 1.22  |      |
|                  |    | For 3" Thickness, Add                          | 2.44  |      |
| 07 76 16 00-0004 | SF | >200 To 400 SF, 2" Concrete Roof Paver .....   | 10.22 | 4.34 |
|                  |    | For 1-1/2" Thickness, Deduct                   | -1.02 |      |
|                  |    | For 2-1/2" Thickness, Add                      | 1.14  |      |
|                  |    | For 3" Thickness, Add                          | 2.29  |      |
| 07 76 16 00-0005 | SF | >400 To 1,000 SF, 2" Concrete Roof Paver ..... | 9.79  | 3.78 |
|                  |    | For 1-1/2" Thickness, Deduct                   | -0.98 |      |
|                  |    | For 2-1/2" Thickness, Add                      | 1.09  |      |
|                  |    | For 3" Thickness, Add                          | 2.19  |      |
| 07 76 16 00-0006 | SF | >1,000 SF, 2" Concrete Roof Paver .....        | 9.26  | 3.44 |
|                  |    | For 1-1/2" Thickness, Deduct                   | -0.93 |      |
|                  |    | For 2-1/2" Thickness, Add                      | 1.03  |      |
|                  |    | For 3" Thickness, Add                          | 2.07  |      |

#### 07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

|                  |    |                                                                                                           |       |      |
|------------------|----|-----------------------------------------------------------------------------------------------------------|-------|------|
| 07 76 16 00-0008 | EA | 2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator) .....                    | 25.53 | 1.14 |
| 07 76 16 00-0009 | EA | 3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator) .....                | 26.67 | 1.14 |
| 07 76 16 00-0010 | EA | 4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator) .....            | 27.83 | 1.14 |
| 07 76 16 00-0011 | EA | Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....                         | 14.25 | 1.14 |
| 07 76 16 00-0012 | EA | Stay Bar, Used With Roof Paver Pedestals >16" High (Hanover Elevator).....                                | 12.46 | 1.14 |
| 07 76 16 00-0013 | EA | 5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....                                        | 12.77 | 1.14 |
|                  |    | Note: Stackable.                                                                                          |       |      |
| 07 76 16 00-0014 | EA | 1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal .....                                     | 7.21  | 1.14 |
|                  |    | Note: Used with High Tab and Elevator pedestals.                                                          |       |      |
| 07 76 16 00-0015 | EA | Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....                              | 9.46  | 1.14 |
|                  |    | Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals. |       |      |

#### 07 76 16 00-0016 Roof Paver (07 76 16)

Note: For walkway application over roofing system.

|                  |    |                                                                      |        |  |
|------------------|----|----------------------------------------------------------------------|--------|--|
| 07 76 16 00-0017 | EA | 2" Thick, 48" x 48" Nonimal, Reinforced Precast Concrete Pavers..... | 885.76 |  |
|                  |    | Note: Custom color and finish to match existing                      |        |  |

### 07 76 19 Composite Insulation Concrete Protection Board (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

#### 07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19)

Note: Manufactured by T. Clear Corp. 25 year warranty.

|              |                                                  |
|--------------|--------------------------------------------------|
| <b>07</b>    | <b>Thermal And Moisture Protection</b>           |
| <b>07 70</b> | <b>Roof and Wall Specialties and Accessories</b> |
| <b>07 76</b> | <b>Roof Pavers</b>                               |



| MINOR<br>CSI UOM DESCRIPTION                                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 76 19 00-0002 SF 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....  | 5.99                      |                         |
| For 20 Year Warranty, Deduct                                                                                                       | -0.36                     |                         |
| For 15 Year Warranty, Deduct                                                                                                       | -0.73                     |                         |
| For 10 Year Warranty, Deduct                                                                                                       | -0.99                     |                         |
| For Winds >90 MPH To 120 MPH Warranty, Add                                                                                         | 0.10                      |                         |
| 07 76 19 00-0003 SF 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....  | 7.85                      |                         |
| For 20 Year Warranty, Deduct                                                                                                       | -0.52                     |                         |
| For 15 Year Warranty, Deduct                                                                                                       | -1.04                     |                         |
| For 10 Year Warranty, Deduct                                                                                                       | -1.40                     |                         |
| For Winds >90 MPH To 120 MPH Warranty, Add                                                                                         | 0.10                      |                         |
| 07 76 19 00-0004 SF 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... | 9.21                      |                         |
| For 20 Year Warranty, Deduct                                                                                                       | -0.60                     |                         |
| For 15 Year Warranty, Deduct                                                                                                       | -1.20                     |                         |
| For 10 Year Warranty, Deduct                                                                                                       | -1.63                     |                         |
| For Winds >90 MPH To 120 MPH Warranty, Add                                                                                         | 0.10                      |                         |
| 07 76 19 00-0005 SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF..... | 11.15                     |                         |
| For 20 Year Warranty, Deduct                                                                                                       | -0.75                     |                         |
| For 15 Year Warranty, Deduct                                                                                                       | -1.51                     |                         |
| For 10 Year Warranty, Deduct                                                                                                       | -2.04                     |                         |
| For Winds >90 MPH To 120 MPH Warranty, Add                                                                                         | 0.10                      |                         |

## 07 80 Fire and Smoke Protection<sup>(07)</sup>

### 07 81 Applied Fireproofing<sup>(07 80)</sup>

Note: Includes bonding agents as required.

#### 07 81 16 Cementitious Fireproofing<sup>(07 81)</sup>

##### 07 81 16 00-0001 Monokote Fireproofing<sup>(07 81 16)</sup>

|                                                                                            |      |      |
|--------------------------------------------------------------------------------------------|------|------|
| 07 81 16 00-0002 SF Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....  | 2.26 | 0.76 |
| 07 81 16 00-0003 SF Monokote Fireproofing For Structural Steel, Per Inch Of Thickness..... | 3.12 | 1.14 |

##### 07 81 16 00-0004 Gunite Fireproofing<sup>(07 81 16)</sup>

|                                                                        |      |      |
|------------------------------------------------------------------------|------|------|
| 07 81 16 00-0005 SF 1" Thick, Non-Reinforced, Gunite Fireproofing..... | 3.01 | 0.67 |
| 07 81 16 00-0006 SF 1" Thick, Reinforced, Gunite Fireproofing.....     | 4.28 | 0.67 |

#### 07 81 23 Intumescent Fireproofing<sup>(07 81)</sup>

##### 07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF)<sup>(07 81 23)</sup>

##### 07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)<sup>(07 81 23 00-0001)</sup>

Note: Excludes primer.

|                                                                                                  |       |  |
|--------------------------------------------------------------------------------------------------|-------|--|
| 07 81 23 00-0003 SF 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....     | 17.19 |  |
| For >10,000, Deduct                                                                              | -1.66 |  |
| 07 81 23 00-0004 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)..... | 27.80 |  |
| For >10,000, Deduct                                                                              | -2.72 |  |

##### 07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)<sup>(07 81 23 00-0001)</sup>

Note: Excludes primer.

|                                                                                                                |        |  |
|----------------------------------------------------------------------------------------------------------------|--------|--|
| 07 81 23 00-0006 SF 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....     | 11.00  |  |
| For >10,000, Deduct                                                                                            | -1.04  |  |
| 07 81 23 00-0007 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... | 24.85  |  |
| For >10,000, Deduct                                                                                            | -2.42  |  |
| 07 81 23 00-0008 SF 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....     | 56.74  |  |
| For >10,000, Deduct                                                                                            | -5.61  |  |
| 07 81 23 00-0009 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... | 78.24  |  |
| For >10,000, Deduct                                                                                            | -7.75  |  |
| 07 81 23 00-0010 SF 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....     | 99.77  |  |
| For >10,000, Deduct                                                                                            | -9.90  |  |
| 07 81 23 00-0011 SF 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... | 121.32 |  |
| For >10,000, Deduct                                                                                            | -12.05 |  |

##### 07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)<sup>(07 81 23 00-0001)</sup>

Note: Excludes primer.

|                                                                                                                   |        |  |
|-------------------------------------------------------------------------------------------------------------------|--------|--|
| 07 81 23 00-0013 SF 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....     | 22.62  |  |
| For >10,000, Deduct                                                                                               | -2.20  |  |
| 07 81 23 00-0014 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... | 42.36  |  |
| For >10,000, Deduct                                                                                               | -4.17  |  |
| 07 81 23 00-0015 SF 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....     | 67.47  |  |
| For >10,000, Deduct                                                                                               | -6.68  |  |
| 07 81 23 00-0016 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... | 94.35  |  |
| For >10,000, Deduct                                                                                               | -9.37  |  |
| 07 81 23 00-0017 SF 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....     | 119.46 |  |
| For >10,000, Deduct                                                                                               | -11.87 |  |



|                                 |  |       |
|---------------------------------|--|-------|
| Thermal And Moisture Protection |  | 07    |
| Fire and Smoke Protection       |  | 07 80 |
| Applied Fireproofing            |  | 07 81 |

07

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                               |                                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 81 23 00-0018                                                                                                                                           | Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)                                                                  |                           |                         |
| 07 81 23 00-0019                                                                                                                                           | Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)   |                           |                         |
| Note: Excludes primer.                                                                                                                                     |                                                                                                                               |                           |                         |
| 07 81 23 00-0020                                                                                                                                           | SF 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) .....     | 10.89                     |                         |
|                                                                                                                                                            | For >10,000, Deduct .....                                                                                                     | -1.05                     |                         |
| 07 81 23 00-0021                                                                                                                                           | SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) ..... | 25.13                     |                         |
|                                                                                                                                                            | For >10,000, Deduct .....                                                                                                     | -2.47                     |                         |
| 07 81 23 00-0022                                                                                                                                           | SF 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) .....     | 57.94                     |                         |
|                                                                                                                                                            | For >10,000, Deduct .....                                                                                                     | -5.75                     |                         |
| 07 81 23 00-0023                                                                                                                                           | SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) ..... | 80.06                     |                         |
|                                                                                                                                                            | For >10,000, Deduct .....                                                                                                     | -7.96                     |                         |
| 07 81 23 00-0024                                                                                                                                           | SF 3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) .....     | 102.20                    |                         |
|                                                                                                                                                            | For >10,000, Deduct .....                                                                                                     | -10.17                    |                         |
| 07 81 33                                                                                                                                                   | Mineral-Fiber Fireproofing (07 81)                                                                                            |                           |                         |
| 07 81 33 00-0001                                                                                                                                           | Cellulose Fireproofing (07 81 33)                                                                                             |                           |                         |
| 07 81 33 00-0002                                                                                                                                           | SF Cellulose Fireproofing, Per Inch Of Thickness.....                                                                         | 2.61                      | 0.67                    |
| 07 84                                                                                                                                                      | Firestopping (07 80)                                                                                                          |                           |                         |
| 07 84 13                                                                                                                                                   | Penetration Firestopping (07 84)                                                                                              |                           |                         |
| 07 84 13 16                                                                                                                                                | Penetration Firestopping Devices (07 84 13)                                                                                   |                           |                         |
| 07 84 13 16-0001                                                                                                                                           | Firestopping Systems For Cable Penetrations (07 84 13 16)                                                                     |                           |                         |
| 07 84 13 16-0002                                                                                                                                           | Intumescent Firestop Cable Sleeve For New Installations (07 84 13 16-0001)                                                    |                           |                         |
| Note: Includes putty, escutcheon plates, gaskets and bushings.                                                                                             |                                                                                                                               |                           |                         |
| 07 84 13 16-0003                                                                                                                                           | EA 1" Diameter Intumescent Firestop Sleeve (STI FS100) .....                                                                  | 67.17                     |                         |
| 07 84 13 16-0004                                                                                                                                           | EA 2" Diameter Intumescent Firestop Sleeve (STI FS201) .....                                                                  | 92.06                     |                         |
| 07 84 13 16-0005                                                                                                                                           | EA 4" Diameter Intumescent Firestop Sleeve (STI FS401) .....                                                                  | 152.63                    |                         |
| 07 84 13 16-0006                                                                                                                                           | Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)                                 |                           |                         |
| Note: Includes pathway, putty and wall/floor mounting plates.                                                                                              |                                                                                                                               |                           |                         |
| 07 84 13 16-0007                                                                                                                                           | EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22) .....                        | 127.30                    |                         |
| 07 84 13 16-0008                                                                                                                                           | EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS) .....                              | 226.44                    |                         |
| 07 84 13 16-0009                                                                                                                                           | EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44) .....                            | 418.48                    |                         |
| 07 84 13 16-0010                                                                                                                                           | 3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)                                                     |                           |                         |
| 07 84 13 16-0011                                                                                                                                           | EA 2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD) .....                             | 287.83                    |                         |
| 07 84 13 16-0012                                                                                                                                           | EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD) .....                                   | 265.83                    |                         |
| 07 84 13 16-0013                                                                                                                                           | EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD) .....                                        | 274.19                    |                         |
| 07 84 13 16-0014                                                                                                                                           | Intumescent Firestopping Pipe Collar (07 84 13 16)                                                                            |                           |                         |
| 07 84 13 16-0015                                                                                                                                           | EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5) .....                                                             | 41.42                     | 11.14                   |
| 07 84 13 16-0016                                                                                                                                           | EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0) .....                                                                 | 50.64                     | 11.14                   |
| 07 84 13 16-0017                                                                                                                                           | EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0) .....                                                                 | 59.11                     | 12.26                   |
| 07 84 13 16-0018                                                                                                                                           | EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0) .....                                                                 | 94.11                     | 13.93                   |
| 07 84 13 16-0019                                                                                                                                           | EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8") .....                                                                 | 478.03                    | 16.71                   |
| 07 84 13 16-0020                                                                                                                                           | EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10") .....                                                               | 618.56                    | 18.38                   |
| 07 84 13 16-0021                                                                                                                                           | Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)                                                    |                           |                         |
| Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required. |                                                                                                                               |                           |                         |
| 07 84 13 16-0022                                                                                                                                           | EA 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) .....                          | 164.72                    |                         |
| Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.                                                            |                                                                                                                               |                           |                         |
| 07 84 13 16-0023                                                                                                                                           | EA 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) .....                          | 175.28                    |                         |
| Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.                                                            |                                                                                                                               |                           |                         |
| 07 84 13 16-0024                                                                                                                                           | EA 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) .....                     | 352.14                    |                         |
| Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.                                                                      |                                                                                                                               |                           |                         |
| 07 84 13 16-0025                                                                                                                                           | EA 14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) .....                          | 221.72                    |                         |
| Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.                        |                                                                                                                               |                           |                         |
| 07 84 13 16-0026                                                                                                                                           | Intumescent Firestopping Wrap Strips (07 84 13 16)                                                                            |                           |                         |
| 07 84 13 16-0027                                                                                                                                           | LF 1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series) .....                               | 7.03                      |                         |

**07 Thermal And Moisture Protection****07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 84 13 19 Penetration Firestopping Caulk (07 84 13)****07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+)** (07 84 13 19)

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

|                  |                                                                                                        |        |
|------------------|--------------------------------------------------------------------------------------------------------|--------|
| 07 84 13 19-0002 | EA 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 21.89  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.08   |
| 07 84 13 19-0003 | EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....   | 27.08  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.42   |
| 07 84 13 19-0004 | EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....   | 26.81  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.31   |
| 07 84 13 19-0005 | EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 26.37  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.14   |
| 07 84 13 19-0006 | EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 31.52  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.89   |
| 07 84 13 19-0007 | EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 31.26  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.79   |
| 07 84 13 19-0008 | EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 30.82  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.61   |
| 07 84 13 19-0009 | EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 30.14  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.34   |
| 07 84 13 19-0010 | EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 29.55  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.10   |
| 07 84 13 19-0011 | EA 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....   | 38.45  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.50   |
| 07 84 13 19-0012 | EA 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....   | 38.19  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.40   |
| 07 84 13 19-0013 | EA 2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 37.75  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.22   |
| 07 84 13 19-0014 | EA 2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) ..... | 37.06  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.94   |
| 07 84 13 19-0015 | EA 2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) ..... | 36.49  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.72   |
| 07 84 13 19-0016 | EA 2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 35.11  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.16   |
| 07 84 13 19-0017 | EA 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 53.49  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 4.04   |
| 07 84 13 19-0018 | EA 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 48.74  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 2.14   |
| 07 84 13 19-0019 | EA 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 48.30  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.97   |
| 07 84 13 19-0020 | EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 47.61  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.69   |
| 07 84 13 19-0021 | EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 47.03  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.46   |
| 07 84 13 19-0022 | EA 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 45.66  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.91   |
| 07 84 13 19-0023 | EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 43.88  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 0.20   |
| 07 84 13 19-0024 | EA 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 72.89  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 7.46   |
| 07 84 13 19-0025 | EA 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 72.40  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 7.27   |
| 07 84 13 19-0026 | EA 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 71.62  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 6.96   |
| 07 84 13 19-0027 | EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 70.39  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 6.46   |
| 07 84 13 19-0028 | EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 69.34  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 6.04   |
| 07 84 13 19-0029 | EA 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 61.25  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 2.81   |
| 07 84 13 19-0030 | EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 59.47  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 2.10   |
| 07 84 13 19-0031 | EA 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 56.77  |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 1.02   |
| 07 84 13 19-0032 | EA 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 118.96 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 17.22  |
| 07 84 13 19-0033 | EA 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....       | 118.48 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 17.02  |
| 07 84 13 19-0034 | EA 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 117.70 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 16.71  |
| 07 84 13 19-0035 | EA 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 116.47 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 16.22  |
| 07 84 13 19-0036 | EA 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 115.43 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 15.80  |
| 07 84 13 19-0037 | EA 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 112.95 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 14.81  |
| 07 84 13 19-0038 | EA 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....     | 109.75 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 13.53  |
| 07 84 13 19-0039 | EA 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+) .....         | 104.89 |
|                  | For Intumescent Sealant For Plastic Pipe, Add .....                                                    | 11.59  |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                    | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 84 13 19-0040 | EA  |     | 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....     | 86.60                  |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 4.27                   |                      |
| 07 84 13 19-0041 | EA  |     | 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... | 160.16                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 27.19                  |                      |
| 07 84 13 19-0042 | EA  |     | 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....     | 155.29                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 25.24                  |                      |
| 07 84 13 19-0043 | EA  |     | 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....     | 145.54                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 21.34                  |                      |
| 07 84 13 19-0044 | EA  |     | 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....     | 105.76                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 5.43                   |                      |
| 07 84 13 19-0045 | EA  |     | 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....    | 205.73                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 38.91                  |                      |
| 07 84 13 19-0046 | EA  |     | 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....    | 176.80                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 27.34                  |                      |
| 07 84 13 19-0047 | EA  |     | 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....    | 125.75                 |                      |
|                  |     |     | For Intumescent Sealant For Plastic Pipe, Add                                                  | 6.92                   |                      |

07 84 13 19-0048 Intumescent Firestopping For Sealing Pipe Penetrations (STI SpecSeal SSS Series) (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

|                  |    |  |                                                                                                              |        |  |
|------------------|----|--|--------------------------------------------------------------------------------------------------------------|--------|--|
| 07 84 13 19-0049 | EA |  | 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)..... | 26.93  |  |
| 07 84 13 19-0050 | EA |  | 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)..... | 26.65  |  |
| 07 84 13 19-0051 | EA |  | 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 26.33  |  |
| 07 84 13 19-0052 | EA |  | 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 31.11  |  |
| 07 84 13 19-0053 | EA |  | 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 30.83  |  |
| 07 84 13 19-0054 | EA |  | 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 30.51  |  |
| 07 84 13 19-0055 | EA |  | 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 29.57  |  |
| 07 84 13 19-0056 | EA |  | 2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 37.97  |  |
| 07 84 13 19-0057 | EA |  | 2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 37.69  |  |
| 07 84 13 19-0058 | EA |  | 2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 37.37  |  |
| 07 84 13 19-0059 | EA |  | 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)..... | 36.89  |  |
| 07 84 13 19-0060 | EA |  | 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)..... | 36.43  |  |
| 07 84 13 19-0061 | EA |  | 2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 35.24  |  |
| 07 84 13 19-0062 | EA |  | 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 48.17  |  |
| 07 84 13 19-0063 | EA |  | 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 47.89  |  |
| 07 84 13 19-0064 | EA |  | 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 47.57  |  |
| 07 84 13 19-0065 | EA |  | 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 47.09  |  |
| 07 84 13 19-0066 | EA |  | 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 46.63  |  |
| 07 84 13 19-0067 | EA |  | 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 45.44  |  |
| 07 84 13 19-0068 | EA |  | 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 43.71  |  |
| 07 84 13 19-0069 | EA |  | 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 63.18  |  |
| 07 84 13 19-0070 | EA |  | 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 62.90  |  |
| 07 84 13 19-0071 | EA |  | 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 62.58  |  |
| 07 84 13 19-0072 | EA |  | 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 61.99  |  |
| 07 84 13 19-0073 | EA |  | 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 61.41  |  |
| 07 84 13 19-0074 | EA |  | 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 60.22  |  |
| 07 84 13 19-0075 | EA |  | 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 58.72  |  |
| 07 84 13 19-0076 | EA |  | 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 56.34  |  |
| 07 84 13 19-0077 | EA |  | 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 96.52  |  |
| 07 84 13 19-0078 | EA |  | 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....     | 96.24  |  |
| 07 84 13 19-0079 | EA |  | 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 95.92  |  |
| 07 84 13 19-0080 | EA |  | 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 95.44  |  |
| 07 84 13 19-0081 | EA |  | 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 94.99  |  |
| 07 84 13 19-0082 | EA |  | 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 93.79  |  |
| 07 84 13 19-0083 | EA |  | 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 92.06  |  |
| 07 84 13 19-0084 | EA |  | 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 89.92  |  |
| 07 84 13 19-0085 | EA |  | 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 84.94  |  |
| 07 84 13 19-0086 | EA |  | 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....   | 124.73 |  |
| 07 84 13 19-0087 | EA |  | 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 122.58 |  |
| 07 84 13 19-0088 | EA |  | 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 117.60 |  |
| 07 84 13 19-0089 | EA |  | 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....       | 104.07 |  |
| 07 84 13 19-0090 | EA |  | 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....      | 155.03 |  |
| 07 84 13 19-0091 | EA |  | 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....      | 141.49 |  |
| 07 84 13 19-0092 | EA |  | 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....      | 123.15 |  |

07 84 13 19-0093 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

|                  |    |  |                                                                                                                                       |       |  |
|------------------|----|--|---------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| 07 84 13 19-0094 | EA |  | 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)..... | 26.39 |  |
| 07 84 13 19-0095 | EA |  | 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)..... | 26.29 |  |
| 07 84 13 19-0096 | EA |  | 1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 26.15 |  |
| 07 84 13 19-0097 | EA |  | 2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 30.04 |  |
| 07 84 13 19-0098 | EA |  | 2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 29.93 |  |
| 07 84 13 19-0099 | EA |  | 2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 29.79 |  |

**07 Thermal And Moisture Protection****07 80 Fire and Smoke Protection****07 84 Firestopping**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 84 13 19-0100 | EA  |     | 2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 29.59                     |                         |
| 07 84 13 19-0101 | EA  |     | 2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 29.39                     |                         |
| 07 84 13 19-0102 | EA  |     | 2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 35.99                     |                         |
| 07 84 13 19-0103 | EA  |     | 2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 35.90                     |                         |
| 07 84 13 19-0104 | EA  |     | 2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 35.75                     |                         |
| 07 84 13 19-0105 | EA  |     | 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)..... | 35.54                     |                         |
| 07 84 13 19-0106 | EA  |     | 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)..... | 35.36                     |                         |
| 07 84 13 19-0107 | EA  |     | 2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 34.88                     |                         |
| 07 84 13 19-0108 | EA  |     | 3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 45.29                     |                         |
| 07 84 13 19-0109 | EA  |     | 3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 45.20                     |                         |
| 07 84 13 19-0110 | EA  |     | 3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 45.06                     |                         |
| 07 84 13 19-0111 | EA  |     | 3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 44.84                     |                         |
| 07 84 13 19-0112 | EA  |     | 3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 44.66                     |                         |
| 07 84 13 19-0113 | EA  |     | 3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 44.18                     |                         |
| 07 84 13 19-0114 | EA  |     | 3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 43.53                     |                         |
| 07 84 13 19-0115 | EA  |     | 4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 57.79                     |                         |
| 07 84 13 19-0116 | EA  |     | 4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 57.69                     |                         |
| 07 84 13 19-0117 | EA  |     | 4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 57.55                     |                         |
| 07 84 13 19-0118 | EA  |     | 4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 57.32                     |                         |
| 07 84 13 19-0119 | EA  |     | 4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 57.10                     |                         |
| 07 84 13 19-0120 | EA  |     | 4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 56.62                     |                         |
| 07 84 13 19-0121 | EA  |     | 4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 56.03                     |                         |
| 07 84 13 19-0122 | EA  |     | 4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 55.08                     |                         |
| 07 84 13 19-0123 | EA  |     | 6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 84.12                     |                         |
| 07 84 13 19-0124 | EA  |     | 6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....     | 84.02                     |                         |
| 07 84 13 19-0125 | EA  |     | 6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 83.88                     |                         |
| 07 84 13 19-0126 | EA  |     | 6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 83.68                     |                         |
| 07 84 13 19-0127 | EA  |     | 6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 83.49                     |                         |
| 07 84 13 19-0128 | EA  |     | 6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 83.01                     |                         |
| 07 84 13 19-0129 | EA  |     | 6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 82.36                     |                         |
| 07 84 13 19-0130 | EA  |     | 6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 81.47                     |                         |
| 07 84 13 19-0131 | EA  |     | 6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 79.55                     |                         |
| 07 84 13 19-0132 | EA  |     | 8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....   | 105.14                    |                         |
| 07 84 13 19-0133 | EA  |     | 8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 104.25                    |                         |
| 07 84 13 19-0134 | EA  |     | 8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 102.33                    |                         |
| 07 84 13 19-0135 | EA  |     | 8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....       | 96.88                     |                         |
| 07 84 13 19-0136 | EA  |     | 10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....      | 127.01                    |                         |
| 07 84 13 19-0137 | EA  |     | 10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....      | 121.55                    |                         |
| 07 84 13 19-0138 | EA  |     | 10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....      | 114.34                    |                         |

**07 84 16 Annular Space Firestopping Protection (07 84)**

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)





| MINOR                                                                                                                                                                          | CSI | UOM | DESCRIPTION                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 84 16 00-0003                                                                                                                                                               | EA  |     | 1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 36.32                  |                      |
| 07 84 16 00-0004                                                                                                                                                               | EA  |     | 2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 53.12                  |                      |
| 07 84 16 00-0005                                                                                                                                                               | EA  |     | 3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 55.29                  |                      |
| 07 84 16 00-0006                                                                                                                                                               | EA  |     | 4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 57.46                  |                      |
| 07 84 16 00-0007                                                                                                                                                               | EA  |     | 5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 59.63                  |                      |
| 07 84 16 00-0008                                                                                                                                                               | EA  |     | 6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....                 | 76.42                  |                      |
| 07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)                                                                                                |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0010                                                                                                                                                               | EA  |     | Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....              | 14.37                  |                      |
| 07 84 16 00-0011                                                                                                                                                               | EA  |     | Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....              | 14.99                  |                      |
| 07 84 16 00-0012                                                                                                                                                               | EA  |     | Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272).....          | 13.85                  |                      |
| 07 84 16 00-0013                                                                                                                                                               | EA  |     | Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....          | 15.03                  |                      |
| 07 84 16 00-0014                                                                                                                                                               | EA  |     | Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....               | 14.57                  |                      |
| 07 84 16 00-0015                                                                                                                                                               | EA  |     | Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265).....               | 13.92                  |                      |
| 07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)                                                                                        |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0017                                                                                                                                                               | EA  |     | 2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249).....                               | 40.56                  |                      |
| 07 84 16 00-0018                                                                                                                                                               | EA  |     | 2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....                               | 43.57                  |                      |
| 07 84 16 00-0019                                                                                                                                                               | EA  |     | 3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....                               | 47.27                  |                      |
| 07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)                                                                                         |     |     |                                                                                            |                        |                      |
| Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.                                                                       |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0021                                                                                                                                                               | EA  |     | 16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....                                | 363.66                 |                      |
| 07 84 16 00-0022                                                                                                                                                               | EA  |     | 36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....                                  | 517.51                 |                      |
| 07 84 16 00-0023                                                                                                                                                               | EA  |     | 36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....                                  | 704.60                 |                      |
| 07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier (07 84 16)                                                                                                                  |     |     |                                                                                            |                        |                      |
| Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings. |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0025                                                                                                                                                               | SF  |     | 0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....                  | 52.97                  |                      |
| 07 84 16 00-0026 Firestopping Caulk For Filling Opening (07 84 16)                                                                                                             |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0027                                                                                                                                                               | GAL |     | Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+).....                            | 149.46                 |                      |
| 07 84 16 00-0028 Firestopping Mortar For Filling Opening (07 84 16)                                                                                                            |     |     |                                                                                            |                        |                      |
| 07 84 16 00-0029                                                                                                                                                               | CF  |     | Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series).....          | 188.37                 |                      |
| 07 84 23 Silicone Firestopping Foams (07 84)                                                                                                                                   |     |     |                                                                                            |                        |                      |
| 07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings (07 84 23)                                                                                                          |     |     |                                                                                            |                        |                      |
| Note: Includes 7" depth of silicone foam barrier and 1" depth backer board                                                                                                     |     |     |                                                                                            |                        |                      |
| 07 84 23 00-0002                                                                                                                                                               | EA  |     | 2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....  | 43.13                  |                      |
| 07 84 23 00-0003                                                                                                                                                               | EA  |     | 4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....  | 96.93                  |                      |
| 07 84 23 00-0004                                                                                                                                                               | EA  |     | 6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....  | 176.04                 |                      |
| 07 84 23 00-0005                                                                                                                                                               | EA  |     | 8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....  | 266.67                 |                      |
| 07 84 23 00-0006                                                                                                                                                               | EA  |     | 10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam..... | 382.45                 |                      |
| 07 84 23 00-0007                                                                                                                                                               | EA  |     | 12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam..... | 520.71                 |                      |
| 07 84 23 00-0008                                                                                                                                                               | EA  |     | 16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam..... | 1,069.42               |                      |
| 07 84 23 00-0009                                                                                                                                                               | EA  |     | 20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam..... | 1,605.11               |                      |
| 07 84 23 00-0010                                                                                                                                                               | EA  |     | 24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam..... | 2,256.97               |                      |
| 07 84 43 Joint Firestopping (07 84)                                                                                                                                            |     |     |                                                                                            |                        |                      |
| 07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (3M CP 25WB+) (07 84 43)                                                                                          |     |     |                                                                                            |                        |                      |
| 07 84 43 00-0002                                                                                                                                                               | CLF |     | 1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 396.39                 | 97.61                |
| For Up To 6 CLF, Add                                                                                                                                                           |     |     |                                                                                            | 22.41                  |                      |
| For >30 CLF, Deduct                                                                                                                                                            |     |     |                                                                                            | -25.00                 |                      |
| 07 84 43 00-0003                                                                                                                                                               | CLF |     | 1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 448.21                 | 97.61                |
| For Up To 4 CLF, Add                                                                                                                                                           |     |     |                                                                                            | 26.30                  |                      |
| For >20 CLF, Deduct                                                                                                                                                            |     |     |                                                                                            | -30.18                 |                      |
| 07 84 43 00-0004                                                                                                                                                               | CLF |     | 1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 510.83                 | 100.86               |
| For Up To 3 CLF, Add                                                                                                                                                           |     |     |                                                                                            | 30.72                  |                      |
| For >15 CLF, Deduct                                                                                                                                                            |     |     |                                                                                            | -35.90                 |                      |
| 07 84 43 00-0005                                                                                                                                                               | CLF |     | 3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 536.73                 | 100.86               |
| For Up To 2.5 CLF, Add                                                                                                                                                         |     |     |                                                                                            | 32.66                  |                      |
| For >13 CLF, Deduct                                                                                                                                                            |     |     |                                                                                            | -38.49                 |                      |
| 07 84 43 00-0006                                                                                                                                                               | CLF |     | 3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 614.42                 | 100.86               |
| For Up To 2 CLF, Add                                                                                                                                                           |     |     |                                                                                            | 38.49                  |                      |
| For >10 CLF, Deduct                                                                                                                                                            |     |     |                                                                                            | -46.26                 |                      |
| 07 84 43 00-0007                                                                                                                                                               | CLF |     | 3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....                         | 692.10                 | 100.86               |
| For Up To 1.5 CLF, Add                                                                                                                                                         |     |     |                                                                                            | 44.32                  |                      |
| For >8 CLF, Deduct                                                                                                                                                             |     |     |                                                                                            | -54.03                 |                      |

**07 Thermal And Moisture Protection****07 80 Fire and Smoke Protection****07 84 Firestopping**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 84 43 00-0008 | CLF | 3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 780.64                    | 105.20                  |
|                  |     | For Up To 1.3 CLF, Add .....                                                                                                         | 50.69                     |                         |
|                  |     | For >7 CLF, Deduct .....                                                                                                             | -62.34                    |                         |
| 07 84 43 00-0009 | CLF | 1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 728.85                    | 105.20                  |
|                  |     | For Up To 1.4 CLF, Add .....                                                                                                         | 46.80                     |                         |
|                  |     | For >7.5 CLF, Deduct .....                                                                                                           | -57.16                    |                         |
| 07 84 43 00-0010 | CLF | 1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 843.28                    | 108.45                  |
|                  |     | For Up To 1.15 CLF, Add .....                                                                                                        | 55.11                     |                         |
|                  |     | For >6 CLF, Deduct .....                                                                                                             | -68.06                    |                         |
| 07 84 43 00-0011 | CLF | 1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 946.86                    | 108.45                  |
|                  |     | For Up To 1 CLF, Add .....                                                                                                           | 62.88                     |                         |
|                  |     | For >5 CLF, Deduct .....                                                                                                             | -78.42                    |                         |
| 07 84 43 00-0012 | CLF | 1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 1,061.29                  | 111.71                  |
|                  |     | For Up To 0.8 CLF, Add .....                                                                                                         | 71.19                     |                         |
|                  |     | For >4.5 CLF, Deduct .....                                                                                                           | -89.32                    |                         |
| 07 84 43 00-0013 | CLF | 1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                    | 1,175.72                  | 116.05                  |
|                  |     | For Up To 0.75 CLF, Add .....                                                                                                        | 79.50                     |                         |
|                  |     | For >4 CLF, Deduct .....                                                                                                             | -100.22                   |                         |
| 07 84 43 00-0014 | CLF | 3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                  | 1,290.14                  | 119.30                  |
|                  |     | For Up To 0.65 CLF, Add .....                                                                                                        | 87.81                     |                         |
|                  |     | For >3.5 CLF, Deduct .....                                                                                                           | -111.12                   |                         |
| 07 84 43 00-0015 | CLF | 3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                    | 1,633.42                  | 130.15                  |
|                  |     | For Up To 0.5 CLF, Add .....                                                                                                         | 112.75                    |                         |
|                  |     | For >2.5 CLF, Deduct .....                                                                                                           | -143.82                   |                         |
|                  |     | For Silicone Sealant (Bio Fireshield BFS 100 or 200), add .....                                                                      | 186.45                    |                         |
| 07 84 43 00-0016 | CLF | 1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+) .....                                                                      | 2,091.13                  | 144.25                  |
|                  |     | For Up To 0.4 CLF, Add .....                                                                                                         | 145.99                    |                         |
|                  |     | For >2 CLF, Deduct .....                                                                                                             | -187.42                   |                         |
| 07 84 43 00-0017 |     | <b>Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series)</b> <sup>(07 84 43)</sup>                                   |                           |                         |
| 07 84 43 00-0018 | CLF | 1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 410.81                    | 97.61                   |
|                  |     | For Up To 6 CLF, Add .....                                                                                                           | 23.49                     |                         |
|                  |     | For >30 CLF, Deduct .....                                                                                                            | -26.44                    |                         |
| 07 84 43 00-0019 | CLF | 1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 469.81                    | 97.61                   |
|                  |     | For Up To 4 CLF, Add .....                                                                                                           | 27.92                     |                         |
|                  |     | For >20 CLF, Deduct .....                                                                                                            | -32.34                    |                         |
| 07 84 43 00-0020 | CLF | 1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 539.64                    | 100.86                  |
|                  |     | For Up To 3 CLF, Add .....                                                                                                           | 32.88                     |                         |
|                  |     | For >15 CLF, Deduct .....                                                                                                            | -38.78                    |                         |
| 07 84 43 00-0021 | CLF | 3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 569.13                    | 100.86                  |
|                  |     | For Up To 2.5 CLF, Add .....                                                                                                         | 35.09                     |                         |
|                  |     | For >13 CLF, Deduct .....                                                                                                            | -41.73                    |                         |
| 07 84 43 00-0022 | CLF | 3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 657.62                    | 100.86                  |
|                  |     | For Up To 2 CLF, Add .....                                                                                                           | 41.73                     |                         |
|                  |     | For >10 CLF, Deduct .....                                                                                                            | -50.58                    |                         |
| 07 84 43 00-0023 | CLF | 3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 746.11                    | 100.86                  |
|                  |     | For Up To 1.5 CLF, Add .....                                                                                                         | 48.37                     |                         |
|                  |     | For >8 CLF, Deduct .....                                                                                                             | -59.43                    |                         |
| 07 84 43 00-0024 | CLF | 3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 845.45                    | 105.20                  |
|                  |     | For Up To 1.3 CLF, Add .....                                                                                                         | 55.55                     |                         |
|                  |     | For >7 CLF, Deduct .....                                                                                                             | -68.82                    |                         |
| 07 84 43 00-0025 | CLF | 1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 786.46                    | 105.20                  |
|                  |     | For Up To 1.4 CLF, Add .....                                                                                                         | 51.12                     |                         |
|                  |     | For >7.5 CLF, Deduct .....                                                                                                           | -62.92                    |                         |
| 07 84 43 00-0026 | CLF | 1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 915.29                    | 108.45                  |
|                  |     | For Up To 1.15 CLF, Add .....                                                                                                        | 60.51                     |                         |
|                  |     | For >6 CLF, Deduct .....                                                                                                             | -75.26                    |                         |
| 07 84 43 00-0027 | CLF | 1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 1,033.27                  | 108.45                  |
|                  |     | For Up To 1 CLF, Add .....                                                                                                           | 69.36                     |                         |
|                  |     | For >5 CLF, Deduct .....                                                                                                             | -87.06                    |                         |
| 07 84 43 00-0028 | CLF | 1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 1,162.10                  | 111.71                  |
|                  |     | For Up To 0.8 CLF, Add .....                                                                                                         | 78.75                     |                         |
|                  |     | For >4.5 CLF, Deduct .....                                                                                                           | -99.40                    |                         |
| 07 84 43 00-0029 | CLF | 1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                    | 1,290.93                  | 116.05                  |
|                  |     | For Up To 0.75 CLF, Add .....                                                                                                        | 88.14                     |                         |
|                  |     | For >4 CLF, Deduct .....                                                                                                             | -111.74                   |                         |
| 07 84 43 00-0030 | CLF | 3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                  | 1,419.75                  | 119.30                  |
|                  |     | For Up To 0.65 CLF, Add .....                                                                                                        | 97.53                     |                         |
|                  |     | For >3.5 CLF, Deduct .....                                                                                                           | -124.08                   |                         |
| 07 84 43 00-0031 | CLF | 3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                    | 1,806.25                  | 130.15                  |
|                  |     | For Up To 0.5 CLF, Add .....                                                                                                         | 125.71                    |                         |
|                  |     | For >2.5 CLF, Deduct .....                                                                                                           | -161.10                   |                         |
| 07 84 43 00-0032 | CLF | 1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) .....                                                      | 2,321.56                  | 144.25                  |
|                  |     | For Up To 0.4 CLF, Add .....                                                                                                         | 163.27                    |                         |
|                  |     | For >2 CLF, Deduct .....                                                                                                             | -210.47                   |                         |
| 07 84 43 00-0033 |     | <b>Passive Smoke And Fire Protection Sealant For Joints (STI ES Series)</b> <sup>(07 84 43)</sup>                                    |                           |                         |
| 07 84 43 00-0034 | CLF | 1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) ..... | 353.86                    | 97.61                   |
|                  |     | For Up To 6 CLF, Add .....                                                                                                           | 19.22                     |                         |
|                  |     | For >30 CLF, Deduct .....                                                                                                            | -20.74                    |                         |



|                                 |  |  |       |
|---------------------------------|--|--|-------|
| Thermal And Moisture Protection |  |  | 07    |
| Fire and Smoke Protection       |  |  | 07 80 |
| Firestopping                    |  |  | 07 84 |

07

| MINOR            | CSI | UOM                                                                                                                            | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 07 84 43 00-0035 | CLF | 1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 384.37                    | 97.61                   |
|                  |     | For Up To 4 CLF, Add                                                                                                           | .....       | 21.51                     |                         |
|                  |     | For >20 CLF, Deduct                                                                                                            | .....       | -23.80                    |                         |
| 07 84 43 00-0036 | CLF | 1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 425.72                    | 100.86                  |
|                  |     | For Up To 3 CLF, Add                                                                                                           | .....       | 24.34                     |                         |
|                  |     | For >15 CLF, Deduct                                                                                                            | .....       | -27.39                    |                         |
| 07 84 43 00-0037 | CLF | 3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 440.98                    | 100.86                  |
|                  |     | For Up To 2.5 CLF, Add                                                                                                         | .....       | 25.48                     |                         |
|                  |     | For >13 CLF, Deduct                                                                                                            | .....       | -28.91                    |                         |
| 07 84 43 00-0038 | CLF | 3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 486.75                    | 100.86                  |
|                  |     | For Up To 2 CLF, Add                                                                                                           | .....       | 28.91                     |                         |
|                  |     | For >10 CLF, Deduct                                                                                                            | .....       | -33.49                    |                         |
| 07 84 43 00-0039 | CLF | 3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 532.52                    | 100.86                  |
|                  |     | For Up To 1.5 CLF, Add                                                                                                         | .....       | 32.35                     |                         |
|                  |     | For >8 CLF, Deduct                                                                                                             | .....       | -38.07                    |                         |
| 07 84 43 00-0040 | CLF | 3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 589.14                    | 105.20                  |
|                  |     | For Up To 1.3 CLF, Add                                                                                                         | .....       | 36.32                     |                         |
|                  |     | For >7 CLF, Deduct                                                                                                             | .....       | -43.19                    |                         |
| 07 84 43 00-0041 | CLF | 1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 558.62                    | 105.20                  |
|                  |     | For Up To 1.4 CLF, Add                                                                                                         | .....       | 34.03                     |                         |
|                  |     | For >7.5 CLF, Deduct                                                                                                           | .....       | -40.14                    |                         |
| 07 84 43 00-0042 | CLF | 1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 630.50                    | 108.45                  |
|                  |     | For Up To 1.15 CLF, Add                                                                                                        | .....       | 39.15                     |                         |
|                  |     | For >6 CLF, Deduct                                                                                                             | .....       | -46.78                    |                         |
| 07 84 43 00-0043 | CLF | 1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 691.53                    | 108.45                  |
|                  |     | For Up To 1 CLF, Add                                                                                                           | .....       | 43.73                     |                         |
|                  |     | For >5 CLF, Deduct                                                                                                             | .....       | -52.88                    |                         |
| 07 84 43 00-0044 | CLF | 1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 763.39                    | 111.71                  |
|                  |     | For Up To 0.8 CLF, Add                                                                                                         | .....       | 48.85                     |                         |
|                  |     | For >4.5 CLF, Deduct                                                                                                           | .....       | -59.53                    |                         |
| 07 84 43 00-0045 | CLF | 1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)   | .....       | 835.27                    | 116.05                  |
|                  |     | For Up To 0.75 CLF, Add                                                                                                        | .....       | 53.97                     |                         |
|                  |     | For >4 CLF, Deduct                                                                                                             | .....       | -66.17                    |                         |
| 07 84 43 00-0046 | CLF | 3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) | .....       | 907.13                    | 119.30                  |
|                  |     | For Up To 0.65 CLF, Add                                                                                                        | .....       | 59.09                     |                         |
|                  |     | For >3.5 CLF, Deduct                                                                                                           | .....       | -72.82                    |                         |
| 07 84 43 00-0047 | CLF | 3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)   | .....       | 1,122.75                  | 130.15                  |
|                  |     | For Up To 0.5 CLF, Add                                                                                                         | .....       | 74.45                     |                         |
|                  |     | For >2.5 CLF, Deduct                                                                                                           | .....       | -92.75                    |                         |
| 07 84 43 00-0048 | CLF | 1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)     | .....       | 1,410.24                  | 144.25                  |
|                  |     | For Up To 0.4 CLF, Add                                                                                                         | .....       | 94.92                     |                         |
|                  |     | For >2 CLF, Deduct                                                                                                             | .....       | -119.33                   |                         |
| 07 84 43 00-0049 |     | Elastomeric Spray Firestopping For Joints And Penetrations (07 84 43)                                                          |             |                           |                         |
| 07 84 43 00-0050 | LF  | 1" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 0.86                      |                         |
| 07 84 43 00-0051 | LF  | 2" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 1.72                      |                         |
| 07 84 43 00-0052 | LF  | 3" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 2.48                      |                         |
| 07 84 43 00-0053 | LF  | 4" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 3.37                      |                         |
| 07 84 43 00-0054 | LF  | 5" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 4.17                      |                         |
| 07 84 43 00-0055 | LF  | 6" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 5.10                      |                         |
| 07 84 43 00-0056 | LF  | 1" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 1.73                      |                         |
| 07 84 43 00-0057 | LF  | 2" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 3.45                      |                         |
| 07 84 43 00-0058 | LF  | 3" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 4.97                      |                         |
| 07 84 43 00-0059 | LF  | 4" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 6.74                      |                         |
| 07 84 43 00-0060 | LF  | 5" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 8.35                      |                         |
| 07 84 43 00-0061 | LF  | 6" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 10.19                     |                         |
| 07 84 43 00-0062 | LF  | 1" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)              | .....       | 3.46                      |                         |

**07 Thermal And Moisture Protection****07 80 Fire and Smoke Protection****07 84 Firestopping**

| MINOR                                                                          | CSI | UOM | DESCRIPTION                                                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|--------------------------------------------------------------------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 07 84 43 00-0063                                                               | LF  |     | 2" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)..... | 6.90                   |                      |
| 07 84 43 00-0064                                                               | LF  |     | 3" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)..... | 9.95                   |                      |
| 07 84 43 00-0065                                                               | LF  |     | 4" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)..... | 13.48                  |                      |
| 07 84 43 00-0066                                                               | LF  |     | 5" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)..... | 16.69                  |                      |
| 07 84 43 00-0067                                                               | LF  |     | 6" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)..... | 20.38                  |                      |
| 07 84 43 00-0068                                                               | LF  |     | 1" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   | 13.80                  |                      |
| 07 84 43 00-0069                                                               | LF  |     | 2" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   | 19.90                  |                      |
| 07 84 43 00-0070                                                               | LF  |     | 3" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   | 26.98                  |                      |
| 07 84 43 00-0071                                                               | LF  |     | 4" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   | 33.39                  |                      |
| 07 84 43 00-0072                                                               | LF  |     | 5" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   | 40.77                  |                      |
| 07 84 43 00-0073                                                               | LF  |     | 6" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....   |                        |                      |
| <b>07 84 43 00-0074 Intumescent Firestopping Sealant For Joints (07 84 43)</b> |     |     |                                                                                                                        |                        |                      |
| 07 84 43 00-0075                                                               | CLF |     | 1/4" x 1/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 378.81                 | 97.61                |
|                                                                                |     |     | For Up To 6 CLF, Add                                                                                                   | 21.09                  |                      |
|                                                                                |     |     | For >30 CLF, Deduct                                                                                                    | -23.24                 |                      |
| 07 84 43 00-0076                                                               | CLF |     | 1/4" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 421.80                 | 97.61                |
|                                                                                |     |     | For Up To 4 CLF, Add                                                                                                   | 24.31                  |                      |
|                                                                                |     |     | For >20 CLF, Deduct                                                                                                    | -27.54                 |                      |
| 07 84 43 00-0077                                                               | CLF |     | 1/4" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 475.63                 | 100.86               |
|                                                                                |     |     | For Up To 3 CLF, Add                                                                                                   | 28.08                  |                      |
|                                                                                |     |     | For >15 CLF, Deduct                                                                                                    | -32.38                 |                      |
| 07 84 43 00-0078                                                               | CLF |     | 3/8" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 497.13                 | 100.86               |
|                                                                                |     |     | For Up To 2.5 CLF, Add                                                                                                 | 29.69                  |                      |
|                                                                                |     |     | For >13 CLF, Deduct                                                                                                    | -34.53                 |                      |
| 07 84 43 00-0079                                                               | CLF |     | 3/8" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 561.61                 | 100.86               |
|                                                                                |     |     | For Up To 2 CLF, Add                                                                                                   | 34.53                  |                      |
|                                                                                |     |     | For >10 CLF, Deduct                                                                                                    | -40.98                 |                      |
| 07 84 43 00-0080                                                               | CLF |     | 3/8" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 626.10                 | 100.86               |
|                                                                                |     |     | For Up To 1.5 CLF, Add                                                                                                 | 39.37                  |                      |
|                                                                                |     |     | For >8 CLF, Deduct                                                                                                     | -47.43                 |                      |
| 07 84 43 00-0081                                                               | CLF |     | 3/8" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 701.44                 | 105.20               |
|                                                                                |     |     | For Up To 1.3 CLF, Add                                                                                                 | 44.75                  |                      |
|                                                                                |     |     | For >7 CLF, Deduct                                                                                                     | -54.42                 |                      |
| 07 84 43 00-0082                                                               | CLF |     | 1/2" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 658.45                 | 105.20               |
|                                                                                |     |     | For Up To 1.4 CLF, Add                                                                                                 | 41.52                  |                      |
|                                                                                |     |     | For >7.5 CLF, Deduct                                                                                                   | -50.12                 |                      |
| 07 84 43 00-0083                                                               | CLF |     | 1/2" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 755.28                 | 108.45               |
|                                                                                |     |     | For Up To 1.15 CLF, Add                                                                                                | 48.51                  |                      |
|                                                                                |     |     | For >6 CLF, Deduct                                                                                                     | -59.26                 |                      |
| 07 84 43 00-0084                                                               | CLF |     | 1/2" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 841.26                 | 108.45               |
|                                                                                |     |     | For Up To 1 CLF, Add                                                                                                   | 54.96                  |                      |
|                                                                                |     |     | For >5 CLF, Deduct                                                                                                     | -67.86                 |                      |
| 07 84 43 00-0085                                                               | CLF |     | 1/2" x 7/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 938.08                 | 111.71               |
|                                                                                |     |     | For Up To 0.8 CLF, Add                                                                                                 | 61.95                  |                      |
|                                                                                |     |     | For >4.5 CLF, Deduct                                                                                                   | -77.00                 |                      |
| 07 84 43 00-0086                                                               | CLF |     | 1/2" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                           | 1,034.91               | 116.05               |
|                                                                                |     |     | For Up To 0.75 CLF, Add                                                                                                | 68.94                  |                      |
|                                                                                |     |     | For >4 CLF, Deduct                                                                                                     | -86.14                 |                      |
| 07 84 43 00-0087                                                               | CLF |     | 3/4" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                         | 1,131.73               | 119.30               |
|                                                                                |     |     | For Up To 0.65 CLF, Add                                                                                                | 75.93                  |                      |
|                                                                                |     |     | For >3.5 CLF, Deduct                                                                                                   | -95.28                 |                      |
| 07 84 43 00-0088                                                               | CLF |     | 3/4" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                           | 1,422.22               | 130.15               |
|                                                                                |     |     | For Up To 0.5 CLF, Add                                                                                                 | 96.91                  |                      |
|                                                                                |     |     | For >2.5 CLF, Deduct                                                                                                   | -122.70                |                      |
| 07 84 43 00-0089                                                               | CLF |     | 1" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....                                             | 1,809.52               | 144.25               |
|                                                                                |     |     | For Up To 0.4 CLF, Add                                                                                                 | 124.87                 |                      |
|                                                                                |     |     | For >2 CLF, Deduct                                                                                                     | -159.26                |                      |
| <b>07 84 56 Fire Safing (07 84)</b>                                            |     |     |                                                                                                                        |                        |                      |
| <b>07 84 56 13 Fibrous Fire Safing (07 84 56)</b>                              |     |     |                                                                                                                        |                        |                      |
| <b>07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)</b>                     |     |     |                                                                                                                        |                        |                      |
|                                                                                |     |     | Note: Includes cutting wrap to fit pipe or conduit and sealing edges.                                                  |                        |                      |
| 07 84 56 13-0002                                                               | SF  |     | 1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A).....                                                           | 11.02                  |                      |
|                                                                                |     |     | For Work In Restricted Working Space, Add                                                                              | 1.34                   |                      |
| 07 84 56 13-0003                                                               | SF  |     | 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A).....                                                            | 18.07                  |                      |
|                                                                                |     |     | Note: Includes cutting wrap to fit pipe or conduit and sealing edges.                                                  |                        |                      |
|                                                                                |     |     | For Work In Restricted Working Space, Add                                                                              | 1.34                   |                      |
| 07 84 56 13-0004                                                               | SF  |     | 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A).....                                                                | 19.77                  |                      |
|                                                                                |     |     | Note: Includes cutting wrap to fit pipe or conduit and sealing edges.                                                  |                        |                      |
|                                                                                |     |     | For Work In Restricted Working Space, Add                                                                              | 1.34                   |                      |
| <b>07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)</b>     |     |     |                                                                                                                        |                        |                      |



| MINOR            | CSI | UOM    | DESCRIPTION                                                                                                                                   | TOTAL DIRECT UNIT COST           | DEMOLITION UNIT COST |
|------------------|-----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|
| 07 84 56 13-0006 | SF  | 1/2"   | Thermal Ceramics FireMaster Blanket Wrap.....<br>For Work In Restricted Working Space, Add<br>For >500 To 5,000, Deduct<br>For >5,000, Deduct | 18.94<br>-4.32<br>-1.77<br>-3.12 | 10.74                |
| 07 84 56 13-0007 | SF  | 1"     | Thermal Ceramics FireMaster Blanket Wrap.....<br>For Work In Restricted Working Space, Add<br>For >500 To 5,000, Deduct<br>For >5,000, Deduct | 22.70<br>4.32<br>-2.63<br>-4.57  | 10.74                |
| 07 84 56 13-0008 | SF  | 1-1/2" | Thermal Ceramics FireMaster Blanket Wrap.....<br>For Work In Restricted Working Space, Add<br>For >500 To 5,000, Deduct<br>For >5,000, Deduct | 26.83<br>4.32<br>-3.58<br>-6.04  | 10.74                |
| 07 84 56 13-0009 | SF  | 2"     | Thermal Ceramics FireMaster Blanket Wrap.....<br>For Work In Restricted Working Space, Add<br>For >500 To 5,000, Deduct<br>For >5,000, Deduct | 30.96<br>4.32<br>-4.53<br>-7.57  | 10.74                |
| 07 84 56 13-0010 |     |        | Fire Safing (SAFE), Mineral Wool Insulation (07 84 56 13)                                                                                     |                                  |                      |
| 07 84 56 13-0011 | SF  | 4"     | Thick, Fire Safing (SAFE), Mineral Wool Insulation (Rockwool Roxul).....<br>For Work In Restricted Working Space, Add                         | 3.73<br>0.35                     | 0.43                 |

## 07 90 Joint Protection (07)

### 07 91 Preformed Joint Seals (07 90)

#### 07 91 23 Backer Rods (07 91)

##### 07 91 23 00-0001 Backer Rods (07 91 23)

|                  |    |        |                                              |       |      |
|------------------|----|--------|----------------------------------------------|-------|------|
| 07 91 23 00-0002 | LF | 1/4"   | Polyethylene Or Polyurethane Backer Rod..... | 2.09  | 0.57 |
| 07 91 23 00-0003 | LF | 3/8"   | Polyethylene Or Polyurethane Backer Rod..... | 2.25  | 0.57 |
| 07 91 23 00-0004 | LF | 1/2"   | Polyethylene Or Polyurethane Backer Rod..... | 2.51  | 0.57 |
| 07 91 23 00-0005 | LF | 5/8"   | Polyethylene Or Polyurethane Backer Rod..... | 2.93  | 0.57 |
| 07 91 23 00-0006 | LF | 3/4"   | Polyethylene Or Polyurethane Backer Rod..... | 3.06  | 0.69 |
| 07 91 23 00-0007 | LF | 7/8"   | Polyethylene Or Polyurethane Backer Rod..... | 3.41  | 0.69 |
| 07 91 23 00-0008 | LF | 1"     | Polyethylene Or Polyurethane Backer Rod..... | 4.33  | 0.69 |
| 07 91 23 00-0009 | LF | 1-1/4" | Polyethylene Or Polyurethane Backer Rod..... | 5.21  | 0.80 |
| 07 91 23 00-0010 | LF | 1-1/2" | Polyethylene Or Polyurethane Backer Rod..... | 6.20  | 0.91 |
| 07 91 23 00-0011 | LF | 2"     | Polyethylene Or Polyurethane Backer Rod..... | 8.51  | 1.03 |
| 07 91 23 00-0012 | LF | 3"     | Polyethylene Or Polyurethane Backer Rod..... | 17.62 | 1.27 |

#### 07 91 26 Joint Fillers (07 91)

##### 07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)

|                  |    |             |                                                            |              |      |
|------------------|----|-------------|------------------------------------------------------------|--------------|------|
| 07 91 26 00-0002 | LF | 1/4" x 1/4" | Butyl Rubber Filler.....<br>For Custom Match Coloring, Add | 2.64<br>0.05 | 0.69 |
| 07 91 26 00-0003 | LF | 1/2" x 1/2" | Butyl Rubber Filler.....<br>For Custom Match Coloring, Add | 7.97<br>0.19 | 1.95 |
| 07 91 26 00-0004 | LF | 1/2" x 3/4" | Butyl Rubber Filler.....<br>For Custom Match Coloring, Add | 9.68<br>0.30 | 2.07 |
| 07 91 26 00-0005 | LF | 3/4" x 3/4" | Butyl Rubber Filler.....                                   | 10.57        | 2.18 |
| 07 91 26 00-0006 | LF | 1" x 1"     | Butyl Rubber Filler.....                                   | 14.24        | 4.02 |

##### 07 91 26 00-0007 Closed Cell Neoprene (07 91 26)

|                  |     |            |                                            |          |        |
|------------------|-----|------------|--------------------------------------------|----------|--------|
| 07 91 26 00-0008 | CLF | 1/8" x 3"  | Neoprene Gasket Closed Cell, Adhesive..... | 456.32   | 132.31 |
| 07 91 26 00-0009 | CLF | 1/8" x 6"  | Neoprene Gasket Closed Cell, Adhesive..... | 729.05   | 191.13 |
| 07 91 26 00-0010 | CLF | 1/4" x 3"  | Neoprene Gasket Closed Cell, Adhesive..... | 584.15   | 163.84 |
| 07 91 26 00-0011 | CLF | 1/4" x 6"  | Neoprene Gasket Closed Cell, Adhesive..... | 670.48   | 171.98 |
| 07 91 26 00-0012 | CLF | 1/2" x 6"  | Neoprene Gasket Closed Cell, Adhesive..... | 1,023.34 | 264.62 |
| 07 91 26 00-0013 | CLF | 1/2" x 9"  | Neoprene Gasket Closed Cell, Adhesive..... | 1,168.61 | 286.63 |
| 07 91 26 00-0014 | CLF | 1/2" x 12" | Neoprene Gasket Closed Cell, Adhesive..... | 1,049.57 | 208.44 |

##### 07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)

|                  |     |            |                                              |          |        |
|------------------|-----|------------|----------------------------------------------|----------|--------|
| 07 91 26 00-0016 | CLF | 1/8" x 3"  | Polyethylene Joint Backing, Closed Cell..... | 465.74   | 163.84 |
| 07 91 26 00-0017 | CLF | 1/8" x 6"  | Polyethylene Joint Backing, Closed Cell..... | 785.58   | 264.62 |
| 07 91 26 00-0018 | CLF | 1/4" x 3"  | Polyethylene Joint Backing, Closed Cell..... | 608.22   | 225.87 |
| 07 91 26 00-0019 | CLF | 1/4" x 6"  | Polyethylene Joint Backing, Closed Cell..... | 730.14   | 238.48 |
| 07 91 26 00-0020 | CLF | 1/2" x 6"  | Polyethylene Joint Backing, Closed Cell..... | 1,111.80 | 365.75 |
| 07 91 26 00-0021 | CLF | 1/2" x 9"  | Polyethylene Joint Backing, Closed Cell..... | 1,299.46 | 396.93 |
| 07 91 26 00-0022 | CLF | 1/2" x 12" | Polyethylene Joint Backing, Closed Cell..... | 1,717.60 | 475.81 |

##### 07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)

|                  |     |             |                            |        |        |
|------------------|-----|-------------|----------------------------|--------|--------|
| 07 91 26 00-0024 | CLF | 1/4" x 1/2" | Silicon RTV Foam Seal..... | 158.62 | 26.26  |
| 07 91 26 00-0025 | CLF | 1/2" x 1/2" | Silicon RTV Foam Seal..... | 317.24 | 52.39  |
| 07 91 26 00-0026 | CLF | 1/2" x 3/4" | Silicon RTV Foam Seal..... | 472.91 | 77.85  |
| 07 91 26 00-0027 | CLF | 3/4" x 3/4" | Silicon RTV Foam Seal..... | 670.15 | 104.91 |

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 91 Preformed Joint Seals**

| MINOR                                                                                                                                            |     |                                                                                                                                                           | TOTAL DIRECT |           | DEMOLITION |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI                                                                                                                                              | UOM | DESCRIPTION                                                                                                                                               | UNIT COST    | UNIT COST | UNIT COST  |
| 07 91 26 00-0028                                                                                                                                 | CLF | 1/8" x 1" Silicon RTV Foam Seal.....                                                                                                                      | 158.62       |           | 26.26      |
| 07 91 26 00-0029                                                                                                                                 | CLF | 1/8" x 3" Silicon RTV Foam Seal.....                                                                                                                      | 472.44       |           | 77.62      |
| 07 91 26 00-0030                                                                                                                                 | CLF | 1/4" x 3" Silicon RTV Foam Seal.....                                                                                                                      | 815.83       |           | 116.60     |
| 07 91 26 00-0031                                                                                                                                 | CLF | 1/4" x 6" Silicon RTV Foam Seal.....                                                                                                                      | 1,629.62     |           | 232.40     |
| 07 91 26 00-0032                                                                                                                                 | CLF | 1/2" x 6" Silicon RTV Foam Seal.....                                                                                                                      | 3,101.31     |           | 419.52     |
| 07 91 26 00-0033                                                                                                                                 | CLF | 1/2" x 9" Silicon RTV Foam Seal.....                                                                                                                      | 4,736.28     |           | 655.35     |
| 07 91 26 00-0034                                                                                                                                 | CLF | 1/2" x 12" Silicon RTV Foam Seal.....                                                                                                                     | 6,915.23     |           | 1,048.62   |
| <b>07 91 26 00-0035      Seals O-Ring Type Cord "J-Seal" (07 91 26)</b>                                                                          |     |                                                                                                                                                           |              |           |            |
| 07 91 26 00-0036                                                                                                                                 | LF  | 1/4" Seals O-Ring Cord, J-Seal.....                                                                                                                       | 4.89         |           | 1.49       |
| 07 91 26 00-0037                                                                                                                                 | LF  | 1/2" Seals O-Ring Cord, J-Seal.....                                                                                                                       | 5.18         |           | 1.49       |
| 07 91 26 00-0038                                                                                                                                 | LF  | 3/4" Seals O-Ring Cord, J-Seal.....                                                                                                                       | 5.45         |           | 1.61       |
| 07 91 26 00-0039                                                                                                                                 | LF  | 1" Seals O-Ring Cord, J-Seal.....                                                                                                                         | 5.74         |           | 1.72       |
| 07 91 26 00-0040                                                                                                                                 | LF  | 1-1/4" Seals O-Ring Cord, J-Seal.....                                                                                                                     | 6.15         |           | 1.84       |
| 07 91 26 00-0041                                                                                                                                 | LF  | 1-1/2" Seals O-Ring Cord, J-Seal.....                                                                                                                     | 6.44         |           | 1.84       |
| 07 91 26 00-0042                                                                                                                                 | LF  | 1-3/4" Seals O-Ring Cord, J-Seal.....                                                                                                                     | 6.81         |           | 1.95       |
| 07 91 26 00-0043                                                                                                                                 | LF  | 2" Seals O-Ring Cord, J-Seal.....                                                                                                                         | 7.03         |           | 1.95       |
| <b>07 91 33      Expansion Joint Seal Systems (07 91)</b>                                                                                        |     |                                                                                                                                                           |              |           |            |
| 07 91 33 00-0001                                                                                                                                 |     | Expansion Joint Seal Systems (Wabo®) (07 91 33)                                                                                                           |              |           |            |
| 07 91 33 00-0002                                                                                                                                 |     | Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)                                                    |              |           |            |
| Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.                                                  |     |                                                                                                                                                           |              |           |            |
| 07 91 33 00-0003                                                                                                                                 | LF  | 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH).....                  | 92.03        |           | 6.88       |
| 07 91 33 00-0004                                                                                                                                 | LF  | 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH).....                  | 124.44       |           | 7.22       |
| 07 91 33 00-0005                                                                                                                                 | LF  | 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....                        | 158.64       |           | 7.54       |
| 07 91 33 00-0006                                                                                                                                 | LF  | 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH).....                | 196.71       |           | 7.87       |
| 07 91 33 00-0007                                                                                                                                 | LF  | 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH).....                | 256.55       |           | 8.19       |
| 07 91 33 00-0008                                                                                                                                 | LF  | 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH).....                | 295.27       |           | 8.53       |
| 07 91 33 00-0009                                                                                                                                 | LF  | 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH).....                       | 343.36       |           | 8.86       |
| <b>07 91 33 00-0010      Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)</b>  |     |                                                                                                                                                           |              |           |            |
| Note: Includes preformed neoprene joint seal and lubricant adhesive.                                                                             |     |                                                                                                                                                           |              |           |            |
| 07 91 33 00-0011                                                                                                                                 | LF  | 0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....  | 44.79        |           | 6.88       |
| 07 91 33 00-0012                                                                                                                                 | LF  | 0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....  | 49.25        |           | 6.98       |
| 07 91 33 00-0013                                                                                                                                 | LF  | 0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....  | 60.45        |           | 7.09       |
| 07 91 33 00-0014                                                                                                                                 | LF  | 0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....  | 64.37        |           | 7.22       |
| 07 91 33 00-0015                                                                                                                                 | LF  | 1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....  | 69.05        |           | 7.31       |
| 07 91 33 00-0016                                                                                                                                 | LF  | 1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....  | 85.70        |           | 7.41       |
| 07 91 33 00-0017                                                                                                                                 | LF  | 1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....  | 106.80       |           | 7.54       |
| 07 91 33 00-0018                                                                                                                                 | LF  | 1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....  | 127.03       |           | 7.87       |
| 07 91 33 00-0019                                                                                                                                 | LF  | 1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....  | 144.31       |           | 8.19       |
| <b>07 91 33 00-0020      Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)</b> |     |                                                                                                                                                           |              |           |            |
| Note: Includes preformed Santoprene® joint seal and lubricant adhesive.                                                                          |     |                                                                                                                                                           |              |           |            |
| 07 91 33 00-0021                                                                                                                                 | LF  | 0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)..... | 36.74        |           | 6.88       |
| 07 91 33 00-0022                                                                                                                                 | LF  | 0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)..... | 48.93        |           | 7.22       |
| 07 91 33 00-0023                                                                                                                                 | LF  | 1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)..... | 60.90        |           | 7.54       |
| 07 91 33 00-0024                                                                                                                                 | LF  | 1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)..... | 64.49        |           | 7.71       |
| 07 91 33 00-0025                                                                                                                                 | LF  | 1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)..... | 71.99        |           | 7.87       |
| 07 91 33 00-0026                                                                                                                                 | LF  | 1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)..... | 105.37       |           | 8.19       |



| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Joint Protection                |  |  | 07 90 |
| Preformed Joint Seals           |  |  | 07 91 |

07

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 91 33 00-0027 | LF  |     | 1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....                                      | 146.70                    | 8.53                    |
| 07 91 33 00-0028 |     |     | <b>Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)</b><br>Note: Includes a pre-compressed foam seal and silicone sealant. |                           |                         |
| 07 91 33 00-0029 | LF  |     | 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....                                      | 34.62                     | 2.73                    |
| 07 91 33 00-0030 | LF  |     | 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....                                      | 58.76                     | 2.85                    |
| 07 91 33 00-0031 | LF  |     | 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....                                            | 89.01                     | 2.95                    |
| 07 91 33 00-0032 | LF  |     | 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....                                    | 112.50                    | 3.06                    |
| 07 91 33 00-0033 | LF  |     | 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....                                    | 148.39                    | 3.17                    |
| 07 91 33 00-0034 | LF  |     | 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....                                    | 196.69                    | 3.28                    |
| 07 91 33 00-0035 | LF  |     | 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....                                            | 241.50                    | 3.39                    |
| 07 91 33 00-0036 | LF  |     | 2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....                                    | 326.13                    | 3.50                    |
| 07 91 33 00-0037 | LF  |     | 3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....                                            | 380.95                    | 3.61                    |
| 07 91 33 00-0038 |     |     | <b>Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001)</b><br>Note: Includes a pre-compressed foam seal and silicone sealant.    |                           |                         |
| 07 91 33 00-0039 | LF  |     | 0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....                                          | 33.75                     | 2.73                    |
| 07 91 33 00-0040 | LF  |     | 1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....                                          | 44.84                     | 2.85                    |
| 07 91 33 00-0041 | LF  |     | 1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....                                          | 60.51                     | 2.95                    |
| 07 91 33 00-0042 | LF  |     | 1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....                                          | 82.48                     | 3.06                    |
| 07 91 33 00-0043 | LF  |     | 2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....                                          | 94.23                     | 3.17                    |
| 07 91 33 00-0044 | LF  |     | 2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....                                          | 131.21                    | 3.28                    |
| 07 91 33 00-0045 | LF  |     | 3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....                                          | 176.68                    | 3.39                    |
| 07 91 33 00-0046 | LF  |     | 3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....                                          | 190.82                    | 3.50                    |
| 07 91 33 00-0047 |     |     | <b>Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexI) (07 91 33 00-0001)</b>                                            |                           |                         |
| 07 91 33 00-0048 | LF  |     | 2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600).....                        | 253.76                    | 8.86                    |
| 07 91 33 00-0049 |     |     | <b>Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) (07 91 33 00-0001)</b><br>Note: Includes epoxy adhesive.                            |                           |                         |
| 07 91 33 00-0050 | LF  |     | 0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100).....                                | 27.85                     |                         |
| 07 91 33 00-0051 | LF  |     | 0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150).....                              | 30.50                     |                         |
| 07 91 33 00-0052 | LF  |     | 0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200).....                                | 40.23                     |                         |
| 07 91 33 00-0053 | LF  |     | 1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250).....                              | 50.04                     |                         |
| 07 91 33 00-0054 | LF  |     | 1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300).....                                | 115.30                    |                         |
| 07 91 33 00-0055 | LF  |     | 1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400).....                                | 151.83                    |                         |
| 07 92            |     |     | <b>Joint Sealants (07 90)</b>                                                                                                                                                                  |                           |                         |
| 07 92 13         |     |     | <b>Elastomeric Joint Sealants (07 92)</b>                                                                                                                                                      |                           |                         |
| 07 92 13 00-0001 |     |     | <b>Silicone Sealant And Caulking (07 92 13)</b>                                                                                                                                                |                           |                         |
| 07 92 13 00-0002 | CLF |     | 1/4" x 1/4" Joint, Silicone Sealant And Caulking.....                                                                                                                                          | 351.30                    | 97.61                   |
|                  |     |     | For Custom Match Coloring, Add                                                                                                                                                                 | 14.03                     |                         |
|                  |     |     | For Up To 6 CLF, Add                                                                                                                                                                           | 19.03                     |                         |
|                  |     |     | For >30 CLF, Deduct                                                                                                                                                                            | -20.49                    |                         |
|                  |     |     | For 1 Part Mildew Resistant, Add                                                                                                                                                               | 20.46                     |                         |
|                  |     |     | For High-Modulus Non-Acid Curing, Add                                                                                                                                                          | 11.69                     |                         |

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 92 Joint Sealants**

| MINOR            | CSI | UOM         | DESCRIPTION                                | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------|--------------------------------------------|---------------------------|-------------------------|
| 07 92 13 00-0003 | CLF | 1/4" x 3/8" | Joint, Silicone Sealant And Caulking ..... | 380.53                    | 97.61                   |
|                  |     |             | For Custom Match Coloring, Add             | 21.05                     |                         |
|                  |     |             | For Up To 4 CLF, Add                       | 21.22                     |                         |
|                  |     |             | For >20 CLF, Deduct                        | -23.41                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 30.70                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 17.54                     |                         |
| 07 92 13 00-0004 | CLF | 1/4" x 1/2" | Joint, Silicone Sealant And Caulking ..... | 420.61                    | 100.86                  |
|                  |     |             | For Custom Match Coloring, Add             | 28.07                     |                         |
|                  |     |             | For Up To 3 CLF, Add                       | 23.95                     |                         |
|                  |     |             | For >15 CLF, Deduct                        | -26.88                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 40.93                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 23.39                     |                         |
| 07 92 13 00-0005 | CLF | 3/8" x 3/8" | Joint, Silicone Sealant And Caulking ..... | 435.22                    | 100.86                  |
|                  |     |             | For Custom Match Coloring, Add             | 31.57                     |                         |
|                  |     |             | For Up To 2.5 CLF, Add                     | 25.05                     |                         |
|                  |     |             | For >13 CLF, Deduct                        | -28.34                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 46.04                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 26.31                     |                         |
| 07 92 13 00-0006 | CLF | 3/8" x 1/2" | Joint, Silicone Sealant And Caulking ..... | 479.07                    | 100.86                  |
|                  |     |             | For Custom Match Coloring, Add             | 42.10                     |                         |
|                  |     |             | For Up To 2 CLF, Add                       | 28.34                     |                         |
|                  |     |             | For >10 CLF, Deduct                        | -32.72                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 61.39                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 35.08                     |                         |
| 07 92 13 00-0007 | CLF | 3/8" x 5/8" | Joint, Silicone Sealant And Caulking ..... | 522.93                    | 100.86                  |
|                  |     |             | For Custom Match Coloring, Add             | 52.62                     |                         |
|                  |     |             | For Up To 1.5 CLF, Add                     | 31.63                     |                         |
|                  |     |             | For >8 CLF, Deduct                         | -37.11                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 76.74                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 43.85                     |                         |
| 07 92 13 00-0008 | CLF | 3/8" x 3/4" | Joint, Silicone Sealant And Caulking ..... | 577.63                    | 105.20                  |
|                  |     |             | For Custom Match Coloring, Add             | 63.15                     |                         |
|                  |     |             | For Up To 1.3 CLF, Add                     | 35.46                     |                         |
|                  |     |             | For >7 CLF, Deduct                         | -42.04                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 92.09                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 52.62                     |                         |
| 07 92 13 00-0009 | CLF | 1/2" x 1/2" | Joint, Silicone Sealant And Caulking ..... | 548.39                    | 105.20                  |
|                  |     |             | For Custom Match Coloring, Add             | 56.13                     |                         |
|                  |     |             | For Up To 1.4 CLF, Add                     | 33.27                     |                         |
|                  |     |             | For >7.5 CLF, Deduct                       | -39.11                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 81.85                     |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 46.77                     |                         |
| 07 92 13 00-0010 | CLF | 1/2" x 5/8" | Joint, Silicone Sealant And Caulking ..... | 617.71                    | 108.45                  |
|                  |     |             | For Custom Match Coloring, Add             | 70.16                     |                         |
|                  |     |             | For Up To 1.15 CLF, Add                    | 38.19                     |                         |
|                  |     |             | For >6 CLF, Deduct                         | -45.50                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 102.32                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 58.47                     |                         |
| 07 92 13 00-0011 | CLF | 1/2" x 3/4" | Joint, Silicone Sealant And Caulking ..... | 676.18                    | 108.45                  |
|                  |     |             | For Custom Match Coloring, Add             | 84.19                     |                         |
|                  |     |             | For Up To 1 CLF, Add                       | 42.58                     |                         |
|                  |     |             | For >5 CLF, Deduct                         | -51.35                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 122.78                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 70.16                     |                         |
| 07 92 13 00-0012 | CLF | 1/2" x 7/8" | Joint, Silicone Sealant And Caulking ..... | 745.49                    | 111.71                  |
|                  |     |             | For Custom Match Coloring, Add             | 98.23                     |                         |
|                  |     |             | For Up To 0.8 CLF, Add                     | 47.51                     |                         |
|                  |     |             | For >4.5 CLF, Deduct                       | -57.74                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 143.25                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 81.86                     |                         |
| 07 92 13 00-0013 | CLF | 1/2" x 1"   | Joint, Silicone Sealant And Caulking ..... | 814.81                    | 116.05                  |
|                  |     |             | For Custom Match Coloring, Add             | 112.26                    |                         |
|                  |     |             | For Up To 0.75 CLF, Add                    | 52.43                     |                         |
|                  |     |             | For >4 CLF, Deduct                         | -64.13                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 163.71                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 93.55                     |                         |
| 07 92 13 00-0014 | CLF | 3/4" x 3/4" | Joint, Silicone Sealant And Caulking ..... | 884.11                    | 119.30                  |
|                  |     |             | For Custom Match Coloring, Add             | 126.29                    |                         |
|                  |     |             | For Up To 0.65 CLF, Add                    | 57.36                     |                         |
|                  |     |             | For >3.5 CLF, Deduct                       | -70.52                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 184.17                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 105.24                    |                         |
| 07 92 13 00-0015 | CLF | 3/4" x 1"   | Joint, Silicone Sealant And Caulking ..... | 1,092.06                  | 130.15                  |
|                  |     |             | For Custom Match Coloring, Add             | 168.39                    |                         |
|                  |     |             | For Up To 0.5 CLF, Add                     | 72.14                     |                         |
|                  |     |             | For >2.5 CLF, Deduct                       | -89.68                    |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 245.57                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 140.32                    |                         |
| 07 92 13 00-0016 | CLF | 1" x 1"     | Joint, Silicone Sealant And Caulking ..... | 1,369.31                  | 144.25                  |
|                  |     |             | For Custom Match Coloring, Add             | 224.52                    |                         |
|                  |     |             | For Up To 0.4 CLF, Add                     | 91.85                     |                         |
|                  |     |             | For >2 CLF, Deduct                         | -115.24                   |                         |
|                  |     |             | For 1 Part Mildew Resistant, Add           | 327.42                    |                         |
|                  |     |             | For High-Modulus Non-Acid Curing, Add      | 187.10                    |                         |





| Thermal And Moisture Protection |  |  | 07    |
|---------------------------------|--|--|-------|
| Joint Protection                |  |  | 07 90 |
| Joint Sealants                  |  |  | 07 92 |

07

| MINOR                                                          |                                                           | TOTAL DIRECT |  | DEMOLITION |
|----------------------------------------------------------------|-----------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION                                            |                                                           | UNIT COST    |  | UNIT COST  |
| 07 92 13 00-0017 Acrylic/Latex Sealant And Caulking (07 92 13) |                                                           |              |  |            |
| 07 92 13 00-0018                                               | CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking | 313.34       |  | 97.61      |
|                                                                | For Up To 6 CLF, Add                                      | 16.78        |  |            |
|                                                                | For >30 CLF, Deduct                                       | -16.69       |  |            |
| 07 92 13 00-0019                                               | CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking | 323.60       |  | 97.61      |
|                                                                | For Up To 4 CLF, Add                                      | 16.95        |  |            |
|                                                                | For >20 CLF, Deduct                                       | -17.72       |  |            |
| 07 92 13 00-0020                                               | CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 344.70       |  | 100.86     |
|                                                                | For Up To 3 CLF, Add                                      | 18.26        |  |            |
|                                                                | For >15 CLF, Deduct                                       | -19.29       |  |            |
| 07 92 13 00-0021                                               | CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking | 349.82       |  | 100.86     |
|                                                                | For Up To 2.5 CLF, Add                                    | 18.64        |  |            |
|                                                                | For >13 CLF, Deduct                                       | -19.80       |  |            |
| 07 92 13 00-0022                                               | CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 365.21       |  | 100.86     |
|                                                                | For Up To 2 CLF, Add                                      | 19.80        |  |            |
|                                                                | For >10 CLF, Deduct                                       | -21.34       |  |            |
| 07 92 13 00-0023                                               | CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking | 380.59       |  | 100.86     |
|                                                                | For Up To 1.5 CLF, Add                                    | 20.95        |  |            |
|                                                                | For >8 CLF, Deduct                                        | -22.88       |  |            |
| 07 92 13 00-0024                                               | CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 406.83       |  | 105.20     |
|                                                                | For Up To 1.3 CLF, Add                                    | 22.65        |  |            |
|                                                                | For >7 CLF, Deduct                                        | -24.96       |  |            |
| 07 92 13 00-0025                                               | CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking | 396.57       |  | 105.20     |
|                                                                | For Up To 1.4 CLF, Add                                    | 21.88        |  |            |
|                                                                | For >7.5 CLF, Deduct                                      | -23.93       |  |            |
| 07 92 13 00-0026                                               | CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking | 427.93       |  | 108.45     |
|                                                                | For Up To 1.15 CLF, Add                                   | 23.96        |  |            |
|                                                                | For >6 CLF, Deduct                                        | -26.52       |  |            |
| 07 92 13 00-0027                                               | CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 448.45       |  | 108.45     |
|                                                                | For Up To 1 CLF, Add                                      | 25.50        |  |            |
|                                                                | For >5 CLF, Deduct                                        | -28.58       |  |            |
| 07 92 13 00-0028                                               | CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking | 479.80       |  | 111.71     |
|                                                                | For Up To 0.8 CLF, Add                                    | 27.58        |  |            |
|                                                                | For >4.5 CLF, Deduct                                      | -31.17       |  |            |
| 07 92 13 00-0029                                               | CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking   | 511.16       |  | 116.05     |
|                                                                | For Up To 0.75 CLF, Add                                   | 29.66        |  |            |
|                                                                | For >4 CLF, Deduct                                        | -33.76       |  |            |
| 07 92 13 00-0030                                               | CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking | 542.51       |  | 119.30     |
|                                                                | For Up To 0.65 CLF, Add                                   | 31.74        |  |            |
|                                                                | For >3.5 CLF, Deduct                                      | -36.36       |  |            |
| 07 92 13 00-0031                                               | CLF 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking   | 636.59       |  | 130.15     |
|                                                                | For Up To 0.5 CLF, Add                                    | 37.98        |  |            |
|                                                                | For >2.5 CLF, Deduct                                      | -44.14       |  |            |
| 07 92 13 00-0032                                               | CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking     | 762.02       |  | 144.25     |
|                                                                | For Up To 0.4 CLF, Add                                    | 46.31        |  |            |
|                                                                | For >2 CLF, Deduct                                        | -54.51       |  |            |
| 07 92 13 00-0033 Polyurethane Sealant And Caulking (07 92 13)  |                                                           |              |  |            |
| Note: 1 or 2 part, non-sag.                                    |                                                           |              |  |            |
| 07 92 13 00-0034                                               | CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking  | 337.67       |  | 97.61      |
|                                                                | For Up To 6 CLF, Add                                      | 18.00        |  |            |
|                                                                | For >30 CLF, Deduct                                       | -19.13       |  |            |
| 07 92 13 00-0035                                               | CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking  | 360.10       |  | 97.61      |
|                                                                | For Up To 4 CLF, Add                                      | 19.69        |  |            |
|                                                                | For >20 CLF, Deduct                                       | -21.37       |  |            |
| 07 92 13 00-0036                                               | CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking  | 393.36       |  | 100.86     |
|                                                                | For Up To 3 CLF, Add                                      | 21.91        |  |            |
|                                                                | For >15 CLF, Deduct                                       | -24.15       |  |            |
| 07 92 13 00-0037                                               | CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking  | 404.57       |  | 100.86     |
|                                                                | For Up To 2.5 CLF, Add                                    | 22.75        |  |            |
|                                                                | For >13 CLF, Deduct                                       | -25.27       |  |            |
| 07 92 13 00-0038                                               | CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking  | 438.20       |  | 100.86     |
|                                                                | For Up To 2 CLF, Add                                      | 25.27        |  |            |
|                                                                | For >10 CLF, Deduct                                       | -28.64       |  |            |
| 07 92 13 00-0039                                               | CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking  | 471.83       |  | 100.86     |
|                                                                | For Up To 1.5 CLF, Add                                    | 27.80        |  |            |
|                                                                | For >8 CLF, Deduct                                        | -32.00       |  |            |
| 07 92 13 00-0040                                               | CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking  | 516.31       |  | 105.20     |
|                                                                | For Up To 1.3 CLF, Add                                    | 30.86        |  |            |
|                                                                | For >7 CLF, Deduct                                        | -35.91       |  |            |
| 07 92 13 00-0041                                               | CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking  | 493.89       |  | 105.20     |
|                                                                | For Up To 1.4 CLF, Add                                    | 29.18        |  |            |
|                                                                | For >7.5 CLF, Deduct                                      | -33.66       |  |            |
| 07 92 13 00-0042                                               | CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking  | 549.59       |  | 108.45     |
|                                                                | For Up To 1.15 CLF, Add                                   | 33.09        |  |            |
|                                                                | For >6 CLF, Deduct                                        | -38.69       |  |            |
| 07 92 13 00-0043                                               | CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking  | 594.43       |  | 108.45     |
|                                                                | For Up To 1 CLF, Add                                      | 36.45        |  |            |
|                                                                | For >5 CLF, Deduct                                        | -43.17       |  |            |
| 07 92 13 00-0044                                               | CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking  | 650.11       |  | 111.71     |
|                                                                | For Up To 0.8 CLF, Add                                    | 40.35        |  |            |
|                                                                | For >4.5 CLF, Deduct                                      | -48.20       |  |            |

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 92 Joint Sealants**

| MINOR<br>CSI                                                                           | UOM | DESCRIPTION                                                                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 92 13 00-0045                                                                       | CLF | 1/2" x 1" Joint, Polyurethane Sealant And Caulking.....<br>For Up To 0.75 CLF, Add<br>For >4 CLF, Deduct                       | 705.81<br>44.26<br>-53.23 | 116.05                  |
| 07 92 13 00-0046                                                                       | CLF | 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking.....<br>For Up To 0.65 CLF, Add<br>For >3.5 CLF, Deduct                   | 761.49<br>48.16<br>-58.25 | 119.30                  |
| 07 92 13 00-0047                                                                       | CLF | 3/4" x 1" Joint, Polyurethane Sealant And Caulking.....<br>For Up To 0.5 CLF, Add<br>For >2.5 CLF, Deduct                      | 928.56<br>59.88<br>-73.33 | 130.15                  |
| <b>07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)</b>    |     |                                                                                                                                |                           |                         |
| Note: 1 or 2 part, non-sag.                                                            |     |                                                                                                                                |                           |                         |
| 07 92 13 00-0049                                                                       | CLF | 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 6 CLF, Add<br>For >30 CLF, Deduct                       | 341.93<br>18.32<br>-19.55 | 97.61                   |
| 07 92 13 00-0050                                                                       | CLF | 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 4 CLF, Add<br>For >20 CLF, Deduct                       | 366.50<br>20.17<br>-22.01 | 97.61                   |
| 07 92 13 00-0051                                                                       | CLF | 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 3 CLF, Add<br>For >15 CLF, Deduct                       | 401.89<br>22.55<br>-25.01 | 100.86                  |
| 07 92 13 00-0052                                                                       | CLF | 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 2.5 CLF, Add<br>For >13 CLF, Deduct                     | 414.16<br>23.47<br>-26.23 | 100.86                  |
| 07 92 13 00-0053                                                                       | CLF | 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 2 CLF, Add<br>For >10 CLF, Deduct                       | 451.01<br>26.23<br>-29.92 | 100.86                  |
| 07 92 13 00-0054                                                                       | CLF | 3/8" x 5/8" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 1.5 CLF, Add<br>For >8 CLF, Deduct                      | 487.83<br>29.00<br>-33.60 | 100.86                  |
| 07 92 13 00-0055                                                                       | CLF | 3/8" x 3/4" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 1.3 CLF, Add<br>For >7 CLF, Deduct                      | 535.51<br>32.30<br>-37.83 | 105.20                  |
| 07 92 13 00-0056                                                                       | CLF | 1/2" x 1/2" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 1.4 CLF, Add<br>For >7.5 CLF, Deduct                    | 510.96<br>30.46<br>-35.37 | 105.20                  |
| 07 92 13 00-0057                                                                       | CLF | 1/2" x 5/8" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 1.15 CLF, Add<br>For >6 CLF, Deduct                     | 570.93<br>34.69<br>-40.82 | 108.45                  |
| 07 92 13 00-0058                                                                       | CLF | 1/2" x 3/4" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 1 CLF, Add<br>For >5 CLF, Deduct                        | 620.03<br>38.37<br>-45.73 | 108.45                  |
| 07 92 13 00-0059                                                                       | CLF | 1/2" x 7/8" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 0.8 CLF, Add<br>For >4.5 CLF, Deduct                    | 679.99<br>42.59<br>-51.19 | 111.71                  |
| 07 92 13 00-0060                                                                       | CLF | 1/2" x 1" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 0.75 CLF, Add<br>For >4 CLF, Deduct                       | 739.94<br>46.82<br>-56.64 | 116.05                  |
| 07 92 13 00-0061                                                                       | CLF | 3/4" x 3/4" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 0.65 CLF, Add<br>For >3.5 CLF, Deduct                   | 799.90<br>51.05<br>-62.10 | 119.30                  |
| 07 92 13 00-0062                                                                       | CLF | 3/4" x 1" Joint, Polysulfide Sealant And Caulking .....<br>For Up To 0.5 CLF, Add<br>For >2.5 CLF, Deduct                      | 979.75<br>63.72<br>-78.45 | 130.15                  |
| <b>07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking (07 92 13)</b> |     |                                                                                                                                |                           |                         |
| Note: 1 or 2 part, non-sag.                                                            |     |                                                                                                                                |                           |                         |
| 07 92 13 00-0064                                                                       | CLF | 1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 6 CLF, Add<br>For >30 CLF, Deduct    | 352.35<br>19.11<br>-20.59 | 97.61                   |
| 07 92 13 00-0065                                                                       | CLF | 1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 4 CLF, Add<br>For >20 CLF, Deduct    | 382.11<br>21.34<br>-23.57 | 97.61                   |
| 07 92 13 00-0066                                                                       | CLF | 1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 3 CLF, Add<br>For >15 CLF, Deduct    | 422.70<br>24.11<br>-27.09 | 100.86                  |
| 07 92 13 00-0067                                                                       | CLF | 3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 2.5 CLF, Add<br>For >13 CLF, Deduct  | 437.58<br>25.23<br>-28.57 | 100.86                  |
| 07 92 13 00-0068                                                                       | CLF | 3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 2 CLF, Add<br>For >10 CLF, Deduct    | 482.22<br>28.57<br>-33.04 | 100.86                  |
| 07 92 13 00-0069                                                                       | CLF | 3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 1.5 CLF, Add<br>For >8 CLF, Deduct   | 526.86<br>31.92<br>-37.50 | 100.86                  |
| 07 92 13 00-0070                                                                       | CLF | 3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 1.3 CLF, Add<br>For >7 CLF, Deduct   | 582.34<br>35.81<br>-42.51 | 105.20                  |
| 07 92 13 00-0071                                                                       | CLF | 1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking .....<br>For Up To 1.4 CLF, Add<br>For >7.5 CLF, Deduct | 552.59<br>33.58<br>-39.53 | 105.20                  |



| MINOR            | CSI | UOM                                                                    | DESCRIPTION | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|------------------------------------------------------------------------|-------------|------------------------|----------------------|
| 07 92 13 00-0072 | CLF | 1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking | .....       | 622.95                 | 108.45               |
|                  |     | For Up To 1.15 CLF, Add                                                | .....       | 38.59                  |                      |
|                  |     | For >6 CLF, Deduct                                                     | .....       | -46.03                 |                      |
| 07 92 13 00-0073 | CLF | 1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking | .....       | 682.47                 | 108.45               |
|                  |     | For Up To 1 CLF, Add                                                   | .....       | 43.05                  |                      |
|                  |     | For >5 CLF, Deduct                                                     | .....       | -51.98                 |                      |
| 07 92 13 00-0074 | CLF | 1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking | .....       | 752.82                 | 111.71               |
|                  |     | For Up To 0.8 CLF, Add                                                 | .....       | 48.06                  |                      |
|                  |     | For >4.5 CLF, Deduct                                                   | .....       | -58.47                 |                      |
| 07 92 13 00-0075 | CLF | 1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking   | .....       | 823.19                 | 116.05               |
|                  |     | For Up To 0.75 CLF, Add                                                | .....       | 53.06                  |                      |
|                  |     | For >4 CLF, Deduct                                                     | .....       | -64.97                 |                      |
| 07 92 13 00-0076 | CLF | 3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking | .....       | 893.55                 | 119.30               |
|                  |     | For Up To 0.65 CLF, Add                                                | .....       | 58.07                  |                      |
|                  |     | For >3.5 CLF, Deduct                                                   | .....       | -71.46                 |                      |
| 07 92 13 00-0077 | CLF | 3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking   | .....       | 1,104.64               | 130.15               |
|                  |     | For Up To 0.5 CLF, Add                                                 | .....       | 73.09                  |                      |
|                  |     | For >2.5 CLF, Deduct                                                   | .....       | -90.94                 |                      |

07 92 19 Acoustical Joint Sealants (07 92)

07 92 19 00-0001 Acoustical Sealant (07 92 19)

|                  |     |                                       |       |        |        |
|------------------|-----|---------------------------------------|-------|--------|--------|
| 07 92 19 00-0002 | CLF | 1/4" x 1/4" Joint, Acoustical Sealant | ..... | 343.92 | 97.61  |
|                  |     | For Custom Match Coloring, Add        | ..... | 12.26  |        |
|                  |     | For Up To 6 CLF, Add                  | ..... | 18.47  |        |
|                  |     | For >30 CLF, Deduct                   | ..... | -19.75 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 17.88  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 10.22  |        |
| 07 92 19 00-0003 | CLF | 1/4" x 3/8" Joint, Acoustical Sealant | ..... | 363.33 | 97.61  |
|                  |     | For Custom Match Coloring, Add        | ..... | 16.92  |        |
|                  |     | For Up To 4 CLF, Add                  | ..... | 19.93  |        |
|                  |     | For >20 CLF, Deduct                   | ..... | -21.69 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 24.68  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 14.10  |        |
| 07 92 19 00-0004 | CLF | 1/4" x 1/2" Joint, Acoustical Sealant | ..... | 385.61 | 100.86 |
|                  |     | For Custom Match Coloring, Add        | ..... | 19.67  |        |
|                  |     | For Up To 3 CLF, Add                  | ..... | 21.33  |        |
|                  |     | For >15 CLF, Deduct                   | ..... | -23.38 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 28.68  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 16.39  |        |
| 07 92 19 00-0005 | CLF | 3/8" x 3/8" Joint, Acoustical Sealant | ..... | 417.36 | 100.86 |
|                  |     | For Custom Match Coloring, Add        | ..... | 27.29  |        |
|                  |     | For Up To 2.5 CLF, Add                | ..... | 23.71  |        |
|                  |     | For >13 CLF, Deduct                   | ..... | -26.55 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 39.79  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 22.74  |        |
| 07 92 19 00-0006 | CLF | 3/8" x 1/2" Joint, Acoustical Sealant | ..... | 450.36 | 100.86 |
|                  |     | For Custom Match Coloring, Add        | ..... | 35.21  |        |
|                  |     | For Up To 2 CLF, Add                  | ..... | 26.19  |        |
|                  |     | For >10 CLF, Deduct                   | ..... | -29.85 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 51.34  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 29.34  |        |
| 07 92 19 00-0007 | CLF | 1/2" x 1/2" Joint, Acoustical Sealant | ..... | 521.22 | 105.20 |
|                  |     | For Custom Match Coloring, Add        | ..... | 49.61  |        |
|                  |     | For Up To 1.4 CLF, Add                | ..... | 31.23  |        |
|                  |     | For >7.5 CLF, Deduct                  | ..... | -36.40 |        |
|                  |     | For 1 Part Mildew Resistant, Add      | ..... | 72.35  |        |
|                  |     | For High-Modulus Non-Acid Curing, Add | ..... | 41.34  |        |

07 95 Expansion Control (07 90)

07 95 13 Expansion Joint Cover Assemblies (07 95)

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies (07 95 13 13)

07 95 13 13-0002 With 1" Space (07 95 13 13-0001)

|                  |    |                                                                            |       |       |      |
|------------------|----|----------------------------------------------------------------------------|-------|-------|------|
| 07 95 13 13-0003 | LF | 1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover        | ..... | 74.34 | 6.50 |
| 07 95 13 13-0004 | LF | 1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover          | ..... | 79.82 | 6.50 |
| 07 95 13 13-0005 | LF | 1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover | ..... | 95.14 | 6.50 |

07 95 13 13-0006 With 2" Space (07 95 13 13-0001)

|                  |    |                                                                       |       |        |      |
|------------------|----|-----------------------------------------------------------------------|-------|--------|------|
| 07 95 13 13-0007 | LF | 2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover        | ..... | 100.08 | 6.50 |
| 07 95 13 13-0008 | LF | 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover          | ..... | 98.80  | 6.50 |
| 07 95 13 13-0009 | LF | 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover | ..... | 131.29 | 6.50 |

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)

07 95 13 13-0011 With 1" Space (07 95 13 13-0010)

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 95 Expansion Control**

| MINOR<br>CSI            | UOM | DESCRIPTION                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|---------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 07 95 13 13-0012        | LF  | 1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....        | 54.25                     | 6.50                    |
| 07 95 13 13-0013        | LF  | 1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover.....          | 66.49                     | 6.50                    |
| 07 95 13 13-0014        | LF  | 1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover..... | 82.72                     | 6.50                    |
| <b>07 95 13 13-0015</b> |     | <b>With 2" Space (07 95 13 13-0010)</b>                                               |                           |                         |
| 07 95 13 13-0016        | LF  | 2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....        | 69.69                     | 6.50                    |
| 07 95 13 13-0017        | LF  | 2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover.....          | 75.97                     | 6.50                    |
| 07 95 13 13-0018        | LF  | 2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover..... | 100.79                    | 6.50                    |
| <b>07 95 13 16</b>      |     | <b>Exterior Expansion Joint Cover Assemblies (07 95 13)</b>                           |                           |                         |
| <b>07 95 13 16-0001</b> |     | <b>Exterior Roof Aluminum Expansion Joint Cover Assemblies (07 95 13 16)</b>          |                           |                         |
| <b>07 95 13 16-0002</b> |     | <b>Roof To Roof (07 95 13 16-0001)</b>                                                |                           |                         |
| 07 95 13 16-0003        | LF  | 1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....            | 102.09                    | 4.33                    |
| 07 95 13 16-0004        | LF  | 2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....            | 123.76                    | 4.33                    |
| 07 95 13 16-0005        | LF  | 3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....            | 138.68                    | 4.33                    |
| <b>07 95 13 16-0006</b> |     | <b>Roof To Wall (07 95 13 16-0001)</b>                                                |                           |                         |
| 07 95 13 16-0007        | LF  | 1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....            | 74.98                     | 4.33                    |
| 07 95 13 16-0008        | LF  | 2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....            | 101.50                    | 4.33                    |
| <b>07 95 13 16-0009</b> |     | <b>Flat Wall To Wall (07 95 13 16-0001)</b>                                           |                           |                         |
| 07 95 13 16-0010        | LF  | 1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....            | 55.17                     | 4.33                    |
| 07 95 13 16-0011        | LF  | 2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....            | 71.08                     | 4.33                    |
| 07 95 13 16-0012        | LF  | 3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....            | 90.29                     | 4.33                    |
| <b>07 95 13 16-0013</b> |     | <b>Corner To Flat Wall (07 95 13 16-0001)</b>                                         |                           |                         |
| 07 95 13 16-0014        | LF  | 1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....          | 51.52                     | 4.33                    |
| 07 95 13 16-0015        | LF  | 2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....          | 62.13                     | 4.33                    |
| 07 95 13 16-0016        | LF  | 3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....          | 91.94                     | 4.33                    |

END OF SECTION 07



|                                               |  |          |    |
|-----------------------------------------------|--|----------|----|
| Openings                                      |  | 08       | 08 |
| Operation and Maintenance of Openings         |  | 08 01    |    |
| Operation and Maintenance of Doors and Frames |  | 08 01 10 |    |

| MINOR<br>CSI UOM DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------|-------------------------|
|------------------------------|---------------------------|-------------------------|

## 08 Openings

### 08 01 Operation and Maintenance of Openings (08)

#### 08 01 10 Operation and Maintenance of Doors and Frames (08 01)

##### 08 01 11 Operation and Maintenance of Metal Doors and Frames (08 01 10)

##### 08 01 11 61 Metal Doors and Frames Repair (08 01 11)

|                                                                                                       |    |                                        |       |
|-------------------------------------------------------------------------------------------------------|----|----------------------------------------|-------|
| 08 01 11 61-0001                                                                                      |    | Hollow Metal Door Repair (08 01 11 61) |       |
| Note: Repairs are based on holes or damage of less than 1/2 of a square foot.                         |    |                                        |       |
| 08 01 11 61-0002                                                                                      | EA | Up To 1 SI, Patch Small Drill Holes    | 24.35 |
| Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish |    |                                        |       |
| 08 01 11 61-0003                                                                                      | EA | >1 To 6 SI, Patch Small Drill Holes    | 48.84 |
| Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish |    |                                        |       |
| 08 01 11 61-0004                                                                                      | LF | Patch Deep Scrapes Or Cuts In Doors    | 58.81 |

#### 08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls (08 01)

##### 08 01 44 Operation and Maintenance of Curtain Walls (08 01 40)

|                  |    |                                                                                             |           |
|------------------|----|---------------------------------------------------------------------------------------------|-----------|
| 08 01 44 00-0001 |    | Retrofit Curtain Walls (08 01 44)                                                           |           |
| 08 01 44 00-0002 | EA | Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow | 2,769.30  |
| 08 01 44 00-0003 | LF | Curtain Wall Retrofit Exterior Mullion Caps                                                 | 26.50     |
| 08 01 44 00-0004 | LF | Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal                              | 109.94    |
| 08 01 44 00-0005 | LF | Curtain Wall Retrofit Exterior Parapet Covers                                               | 102.78    |
| 08 01 44 00-0006 | LF | Curtain Wall Retrofit Remove/Reinstall Existing Mullion                                     | 26.87     |
| 08 01 44 00-0007 | EA | Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee                   | 12,000.00 |

#### 08 01 50 Operation and Maintenance of Windows (08 01)

##### 08 01 52 Operation and Maintenance of Wood Windows (08 01 50)

##### 08 01 52 61 Wood Window Repairs (08 01 52)

|                                                  |    |                                                                                    |        |
|--------------------------------------------------|----|------------------------------------------------------------------------------------|--------|
| 08 01 52 61-0001                                 |    | Window Restoration And Replacement (08 01 52 61)                                   |        |
| 08 01 52 61-0002                                 | EA | Removal And Replacement Of Sash Guides                                             | 12.19  |
| 08 01 52 61-0003                                 | EA | Removal And Replacement Of Window Arms                                             | 34.60  |
| 08 01 52 61-0004                                 | EA | Removal And Replacement Of Window Crank Operator                                   | 40.53  |
| 08 01 52 61-0005                                 | EA | Removal And Replacement Of Brass Window Sash Pull                                  | 24.16  |
| 08 01 52 61-0006                                 | EA | Removal And Replacement Of Brass Window Sash Lock                                  | 21.64  |
| 08 01 52 61-0007                                 | EA | Removal And Replacement Of Window Balance, Removable Sash Window                   | 27.37  |
| Note: Channel, spiral or coil balance.           |    |                                                                                    |        |
| 08 01 52 61-0008                                 | EA | Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing | 81.62  |
| Note: Channel, spiral or coil balance.           |    |                                                                                    |        |
| For Replacing Two Balances In One Window, Deduct |    |                                                                                    | -29.95 |

#### 08 01 70 Operation and Maintenance of Hardware (08 01)

##### 08 01 71 Operation and Maintenance of Door Hardware (08 01 70)

##### 08 01 71 81 Door Hardware Replacement (08 01 71)

|                                                                                                                                                                        |     |                                                             |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------|--------|
| 08 01 71 81-0001                                                                                                                                                       |     | Replacement Folding Door Hardware (08 01 71 81)             |        |
| Note: Includes track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, 4-door aligner (when necessary), and doorknob. |     |                                                             |        |
| 08 01 71 81-0002                                                                                                                                                       |     | 2-Door Folding Door Hardware (08 01 71 81-0001)             |        |
| 08 01 71 81-0003                                                                                                                                                       | SET | 24" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware    | 257.25 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0004                                                                                                                                                       | SET | 30" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware    | 265.85 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0005                                                                                                                                                       | SET | 36" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware    | 271.27 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0006                                                                                                                                                       | SET | 36" Track, 50 LB Capacity, 2 Panel Bi-Fold Door Hardware    | 291.88 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0007                                                                                                                                                       |     | 4-Door Folding Door Hardware (08 01 71 81-0001)             |        |
| 08 01 71 81-0008                                                                                                                                                       | SET | 48" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware | 395.80 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0009                                                                                                                                                       | SET | 48" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware | 429.10 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |
| 08 01 71 81-0010                                                                                                                                                       | SET | 60" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware | 405.08 |
| Note: Aluminum, top mounted. For replacement only.                                                                                                                     |     |                                                             |        |

**08 Openings****08 01 Operation and Maintenance of Openings****08 01 70 Operation and Maintenance of Hardware**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 01 71 81-0011 SET 60" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware.....<br>Note: Aluminum, top mounted. For replacement only.                                                      | 439.37                    | 162.75                  |
| 08 01 71 81-0012 SET 72" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware.....<br>Note: Aluminum, top mounted. For replacement only.                                                      | 414.06                    | 168.18                  |
| 08 01 71 81-0013 SET 72" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware.....<br>Note: Aluminum, top mounted. For replacement only.                                                      | 449.88                    | 168.18                  |
| 08 01 71 81-0014 SET 96" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware.....<br>Note: Aluminum, top mounted. For replacement only.                                                      | 405.81                    | 168.18                  |
| 08 01 71 81-0015 SET 96" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware.....<br>Note: Aluminum, top mounted. For replacement only.                                                      | 427.72                    | 168.18                  |
| <b>08 01 71 81-0016 Replacement Sliding Door Hardware</b> (08 01 71 81)<br>Note: Hardware includes track, door pull, by-pass door guide, doorstop, standard hanger, and track stop.              |                           |                         |
| <b>08 01 71 81-0017 2-Door Sliding Door Hardware</b> (08 01 71 81-0016)                                                                                                                          |                           |                         |
| 08 01 71 81-0018 SET 48" Track, 100 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 156.35                    | 54.25                   |
| 08 01 71 81-0019 SET 48" Track, 150 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 210.19                    | 54.25                   |
| 08 01 71 81-0020 SET 60" Track, 100 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 173.45                    | 59.67                   |
| 08 01 71 81-0021 SET 60" Track, 150 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 232.06                    | 59.67                   |
| 08 01 71 81-0022 SET 72" Track, 100 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 203.28                    | 65.10                   |
| 08 01 71 81-0023 SET 72" Track, 150 LB Capacity, 2 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 254.29                    | 65.10                   |
| <b>08 01 71 81-0024 4-Door Sliding Door Hardware</b> (08 01 71 81-0016)                                                                                                                          |                           |                         |
| 08 01 71 81-0025 SET 96" Track, 200 LB Capacity, 4 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 341.02                    | 108.50                  |
| 08 01 71 81-0026 SET 96" Track, 300 LB Capacity, 4 Door Sliding Door Hardware.....<br>Note: Aluminum fascia track. For replacement only.                                                         | 412.76                    | 108.50                  |
| <b>08 01 80 Maintenance of Glazing</b> (08 01)                                                                                                                                                   |                           |                         |
| <b>08 01 81 Maintenance of Glass Glazing</b> (08 01 80)                                                                                                                                          |                           |                         |
| <b>08 01 81 10 Maintenance of Glass Glazing</b> (08 01 81)                                                                                                                                       |                           |                         |
| <b>08 01 81 10-0001 Glazing Compound Repair</b> (08 01 81 10)                                                                                                                                    |                           |                         |
| 08 01 81 10-0002 LF Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair).....                                                      | 9.30                      |                         |
| <b>08 05 Common Work Results for Openings</b> (08)                                                                                                                                               |                           |                         |
| <b>08 05 13 Door Options and Modifications</b> (08 05)                                                                                                                                           |                           |                         |
| Note: Excludes removal and reinstallation of door.                                                                                                                                               |                           |                         |
| <b>08 05 13 00-0001 Door Vision Panels (Pemko LT-S1)</b> (08 05 13)<br>Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.                                      |                           |                         |
| 08 05 13 00-0002 EA For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add  | 146.78<br>73.39           |                         |
| 08 05 13 00-0003 EA For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add  | 185.80<br>92.90           |                         |
| 08 05 13 00-0004 EA For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add  | 215.53<br>107.77          |                         |
| 08 05 13 00-0005 EA For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add  | 274.98<br>137.49          |                         |
| 08 05 13 00-0006 EA For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add  | 356.73<br>178.37          |                         |
| 08 05 13 00-0007 EA For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add | 455.21<br>227.61          |                         |
| 08 05 13 00-0008 EA For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add      | 483.08<br>241.54          |                         |
| 08 05 13 00-0009 EA For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add     | 241.94<br>66.72           |                         |
| 08 05 13 00-0010 EA For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....<br>For 9/16" To 1-1/16" Glazing Pocket, Add     | 288.27<br>84.46           |                         |



| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 05 13 00-0011 | EA  |     | For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....                                | 326.13                 |                      |
|                  |     |     | For 9/16" To 1-1/16" Glazing Pocket, Add .....                                                                                                               | 97.97                  |                      |
| 08 05 13 00-0012 | EA  |     | For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....                                | 391.03                 |                      |
|                  |     |     | For 9/16" To 1-1/16" Glazing Pocket, Add .....                                                                                                               | 124.99                 |                      |
| 08 05 13 00-0013 | EA  |     | For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....                                | 476.21                 |                      |
|                  |     |     | For 9/16" To 1-1/16" Glazing Pocket, Add .....                                                                                                               | 162.15                 |                      |
| 08 05 13 00-0014 | EA  |     | For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....                               | 576.57                 |                      |
|                  |     |     | For 9/16" To 1-1/16" Glazing Pocket, Add .....                                                                                                               | 206.91                 |                      |
| 08 05 13 00-0015 | EA  |     | For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....                                    | 612.76                 |                      |
|                  |     |     | For 9/16" To 1-1/16" Glazing Pocket, Add .....                                                                                                               | 219.58                 |                      |
| 08 05 13 00-0016 |     |     | Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)                                                                                             |                        |                      |
|                  |     |     | Note: Factory primed or powder coated.                                                                                                                       |                        |                      |
| 08 05 13 00-0017 | EA  |     | For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                           | 139.96                 |                      |
| 08 05 13 00-0018 | EA  |     | For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                           | 158.99                 |                      |
| 08 05 13 00-0019 | EA  |     | For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                           | 216.09                 |                      |
| 08 05 13 00-0020 | EA  |     | For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                           | 402.96                 |                      |
| 08 05 13 00-0021 | EA  |     | For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                           | 498.32                 |                      |
| 08 05 13 00-0022 | EA  |     | For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                          | 595.22                 |                      |
| 08 05 13 00-0023 | EA  |     | For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                         | 776.71                 |                      |
| 08 05 13 00-0024 | EA  |     | For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                         | 914.30                 |                      |
|                  |     |     | For 18 Gauge Louver And 18 Gauge Frame, Add .....                                                                                                            | 109.72                 |                      |
| 08 05 13 00-0025 | EA  |     | For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                              | 221.34                 |                      |
| 08 05 13 00-0026 | EA  |     | For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                              | 248.50                 |                      |
| 08 05 13 00-0027 | EA  |     | For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                              | 313.74                 |                      |
| 08 05 13 00-0028 | EA  |     | For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                              | 508.75                 |                      |
| 08 05 13 00-0029 | EA  |     | For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                              | 612.25                 |                      |
| 08 05 13 00-0030 | EA  |     | For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                             | 717.28                 |                      |
| 08 05 13 00-0031 | EA  |     | For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                            | 906.91                 |                      |
| 08 05 13 00-0032 | EA  |     | For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add .....                            | 1,049.93               |                      |
|                  |     |     | For 18 Gauge Louver And 18 Gauge Frame, Add .....                                                                                                            | 109.72                 |                      |
| 08 05 13 00-0033 |     |     | Fire Rated Fusible Link Louvers (Pemko LV-FL) (08 05 13)                                                                                                     |                        |                      |
|                  |     |     | Note: Factory primed or powder coated.                                                                                                                       |                        |                      |
| 08 05 13 00-0034 | EA  |     | For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add ..... | 283.42                 |                      |
| 08 05 13 00-0035 | EA  |     | For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add ..... | 324.32                 |                      |
| 08 05 13 00-0036 | EA  |     | For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add ..... | 380.94                 |                      |
| 08 05 13 00-0037 | EA  |     | For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add .....    | 381.07                 |                      |
| 08 05 13 00-0038 | EA  |     | For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add .....    | 432.82                 |                      |
| 08 05 13 00-0039 | EA  |     | For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add .....    | 498.12                 |                      |
| 08 05 13 00-0040 |     |     | Door Hardware Preparation (08 05 13)                                                                                                                         |                        |                      |
| 08 05 13 00-0041 | EA  |     | Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware .....                                                                            | 81.34                  |                      |
| 08 05 13 00-0042 | EA  |     | Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware .....                                                                                        | 200.64                 |                      |
|                  |     |     | Note: Requires door to be taken off site for UL certification.                                                                                               |                        |                      |
| 08 05 13 00-0043 | EA  |     | Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware .....                                                                                    | 92.18                  |                      |
| 08 05 13 00-0044 | EA  |     | Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware .....                                                                                    | 162.69                 |                      |
|                  |     |     | Note: Requires door to be taken off site for UL certification.                                                                                               |                        |                      |
| 08 05 13 00-0045 | EA  |     | Prepare Existing Wood Door (Non-Rated) For Concealed Lockset Hardware .....                                                                                  | 27.11                  |                      |
| 08 05 13 00-0046 | EA  |     | Prepare Existing Wood Door (Rated) For Concealed Vertical Rod .....                                                                                          | 298.29                 |                      |
|                  |     |     | Note: Requires door to be taken off site for UL certification.                                                                                               |                        |                      |
| 08 05 13 00-0047 | EA  |     | Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod .....                                                                                      | 189.79                 |                      |
| 08 05 13 00-0048 | EA  |     | Prepare Existing Wood Door (Rated) For Electric Hardware .....                                                                                               | 200.64                 |                      |
|                  |     |     | Note: Requires door to be taken off site for UL certification.                                                                                               |                        |                      |

**08 Openings****08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 05 13 00-0049 EA Prepare Existing Door (Non-Rated) For Electric Hardware.....92.18

**08 05 13 00-0050 Door Modifications** (08 05 13)

08 05 13 00-0051 EA Removal And Reinstallation Of Door .....92.22  
 08 05 13 00-0052 EA Removal And Reinstallation Of Metal Door Frame .....180.84  
 08 05 13 00-0053 EA Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile .....97.65  
 Note: Excludes removal and reinstallation of door.  
 08 05 13 00-0054 EA Modify Metal Door Frame For Door Swing.....1,269.17  
 Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.  
 08 05 13 00-0055 EA Factory Installed Sound Proofing (STC 28) In Metal Door .....138.82  
 08 05 13 00-0056 SF For 16 Gauge Steel Metal Plate Bolted On Door .....27.14  
 Note: Includes mounting hardware.  
 08 05 13 00-0057 EA Removal And Reinstallation Of Wood Door Frame .....109.31  
 08 05 13 00-0058 EA Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile .....49.19  
 Note: Excludes removal and reinstallation of door.  
 08 05 13 00-0059 EA Factory Trim Wood Door Edge For Custom Width .....71.05

**08 10 Doors and Frames** (08)**08 11 Metal Doors and Frames** (08 10)**08 11 63 Metal Screen and Storm Doors and Frames** (08 11)**08 11 63 13 Steel Screen and Storm Doors and Frames** (08 11 63)**08 11 63 13-0001 Steel Screen Door** (08 11 63 13)

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002 EA 2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware .....963.72 149.19  
 08 11 63 13-0003 EA 3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware .....974.61 154.62  
 08 11 63 13-0004 EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware .....1,399.65 154.62

**08 11 63 23 Aluminum Screen and Storm Doors and Frames** (08 11 63)**08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom** (08 11 63 23)

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware .....1,057.26 86.81  
 For Special Finished, Add 100.83  
 08 11 63 23-0003 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware .....1,113.93 86.81  
 08 11 63 23-0004 EA Aluminum Screen Door .....306.34 54.23  
 08 11 63 23-0005 SF Repair Screen Door .....12.22

**08 11 73 Sliding Metal Fire Doors** (08 11)**08 11 73 00-0001 Motor Operated Fire Door With Fusible Link** (08 11 73)

Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002 EA 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....4,646.95 541.74  
 08 11 73 00-0003 EA 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....4,984.29 541.74  
 08 11 73 00-0004 EA 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....5,551.68 541.74  
 08 11 73 00-0005 EA 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....6,165.68 541.74

**08 12 Metal Frames** (08 10)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

**08 12 13 Hollow Metal Frames** (08 12)**08 12 13 13 Standard Hollow Metal Frames** (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

**08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames** (08 12 13 13)

Note: For non-rated or fire rated frame assemblies

**08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames** (08 12 13 13-0001)

08 12 13 13-0003 EA 2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....524.78 81.38  
 For Auxiliary Frame Reinforcement For Hinges, Add 54.30  
 For Welded Frames, Add 211.05  
 For Galvanized Frames, Add 43.44  
 For Type 304 Stainless Steel Frame, Add 659.79  
 For Type 316 Stainless Steel Frame, Add 768.40  
 For Baked Enamel Finish, Add 133.02  
 For 18 Gauge Frame, Deduct -36.20  
 For 14 Gauge Frame, Add 90.51  
 For 12 Gauge Frame, Add 137.57  
 For Clear Aluminum Frames (Three Piece), Add 106.80  
 For Black Aluminum Frames (Three Piece), Add 162.91





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            |                                                                                                      | TOTAL DIRECT |           | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                      | UNIT COST    | UNIT COST | UNIT COST  |
| 08 12 13 13-0004 | EA 2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 610.02       |           | 89.51      |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 64.65        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 51.72        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 784.73       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 914.03       |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 156.15       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -43.10       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 107.75       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 163.78       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 127.14       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 193.95       |           |            |
| 08 12 13 13-0005 | EA 2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 627.77       |           | 94.94      |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 65.68        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 52.55        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 797.70       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 929.05       |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 159.85       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -43.79       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 109.47       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 166.40       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 129.18       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 197.05       |           |            |
| 08 12 13 13-0006 | EA 2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 644.04       |           | 103.08     |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 65.68        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 52.55        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 798.51       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 929.88       |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 162.29       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -43.79       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 109.47       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 166.40       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 129.18       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 197.05       |           |            |
| 08 12 13 13-0007 | EA 2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... | 656.36       |           | 105.79     |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 66.72        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 53.37        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 811.18       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 944.62       |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 165.17       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -44.48       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 111.20       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 169.02       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 131.21       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 200.15       |           |            |
| 08 12 13 13-0008 | EA 3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....     | 668.69       |           | 108.50     |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 67.75        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 54.20        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 823.87       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 959.38       |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 168.06       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -45.17       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 112.92       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 171.64       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 133.25       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 203.26       |           |            |
| 08 12 13 13-0009 | EA 3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 710.56       |           | 113.93     |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 72.41        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 57.93        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 880.27       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 1,025.08     |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 178.99       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -48.27       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 120.68       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 183.43       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 142.40       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 217.22       |           |            |
| 08 12 13 13-0010 | EA 3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 721.41       |           | 119.36     |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                    | 72.41        |           |            |
|                  | For Welded Frames, Add                                                                               | 211.05       |           |            |
|                  | For Galvanized Frames, Add                                                                           | 57.93        |           |            |
|                  | For Type 304 Stainless Steel Frame, Add                                                              | 880.81       |           |            |
|                  | For Type 316 Stainless Steel Frame, Add                                                              | 1,025.63     |           |            |
|                  | For Baked Enamel Finish, Add                                                                         | 180.62       |           |            |
|                  | For 18 Gauge Frame, Deduct                                                                           | -48.27       |           |            |
|                  | For 14 Gauge Frame, Add                                                                              | 120.68       |           |            |
|                  | For 12 Gauge Frame, Add                                                                              | 183.43       |           |            |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                         | 142.40       |           |            |
|                  | For Black Aluminum Frames (Three Piece), Add                                                         | 217.22       |           |            |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 12 13 13-0011 | EA  |     | 4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 749.51                    | 124.77                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 74.99                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 59.99                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 912.39                    |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,062.37                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 187.42                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -50.00                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 124.99                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 189.98                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 147.49                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 224.98                    |                         |
| 08 12 13 13-0012 | EA  |     | 5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 777.60                    | 130.20                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 77.58                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 62.06                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 943.96                    |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,099.12                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 194.22                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -51.72                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 129.30                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 196.53                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 152.57                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 232.74                    |                         |
| 08 12 13 13-0013 | EA  |     | 5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 788.44                    | 135.63                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 77.58                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 62.06                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 944.50                    |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,099.66                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 195.84                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -51.72                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 129.30                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 196.53                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 152.57                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 232.74                    |                         |
| 08 12 13 13-0014 | EA  |     | 6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 802.49                    | 138.34                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 78.87                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 63.10                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 960.29                    |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,118.04                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 199.25                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -52.58                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 131.45                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 199.81                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 155.11                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 236.61                    |                         |
| 08 12 13 13-0015 | EA  |     | 6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 816.54                    | 141.05                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 80.16                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 64.13                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 976.08                    |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,136.41                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 202.65                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -53.44                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 133.61                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 203.08                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 157.66                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 240.49                    |                         |
| 08 12 13 13-0016 | EA  |     | 7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 856.44                    | 143.77                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 85.34                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 68.27                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,038.41                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,209.09                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 213.80                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -56.89                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 142.23                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 216.19                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 167.83                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 256.01                    |                         |
| 08 12 13 13-0017 | EA  |     | 8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 896.35                    | 146.48                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 90.51                     |                         |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                        | 72.41                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,100.75                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,281.77                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 224.96                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -60.34                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 150.85                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 229.29                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 178.00                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 271.53                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Metal Frames     | 08 12 |    |

| MINOR               |                                                                                                          | TOTAL DIRECT |           | DEMOLITION |
|---------------------|----------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI UOM DESCRIPTION |                                                                                                          | UNIT COST    | UNIT COST |            |
| 08 12 13 13-0018    | >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001) |              |           |            |
| 08 12 13 13-0019    | EA 2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 565.01       |           | 81.38      |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 60.34        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 48.27        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 732.21       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 852.88       |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 145.09       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -40.23       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 100.57       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 152.86       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 118.67       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 181.02       |           |            |
| 08 12 13 13-0020    | EA 2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 657.91       |           | 89.51      |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 71.83        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 57.47        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 870.94       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,014.60     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 170.52       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -47.89       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 119.72       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 181.97       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 141.27       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 215.50       |           |            |
| 08 12 13 13-0021    | EA 2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 676.42       |           | 94.94      |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 72.98        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 58.38        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 885.27       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,031.23     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 174.44       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -48.65       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 121.64       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 184.89       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 143.53       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 218.94       |           |            |
| 08 12 13 13-0022    | EA 2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 692.69       |           | 103.08     |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 72.98        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 58.38        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 886.08       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,032.04     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 176.88       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -48.65       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 121.64       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 184.89       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 143.53       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 218.94       |           |            |
| 08 12 13 13-0023    | EA 2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....       | 705.78       |           | 105.79     |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 74.13        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 59.30        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 900.14       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,048.40     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 180.00       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -49.42       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 123.55       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 187.80       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 145.79       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 222.39       |           |            |
| 08 12 13 13-0024    | EA 3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 718.87       |           | 108.50     |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 75.28        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 60.22        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 914.20       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,064.76     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 183.11       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -50.19       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 125.47       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 190.71       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 148.05       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 225.84       |           |            |
| 08 12 13 13-0025    | EA 3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 764.19       |           | 113.93     |
|                     | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 80.45        |           |            |
|                     | For Welded Frames, Add                                                                                   | 211.05       |           |            |
|                     | For Galvanized Frames, Add                                                                               | 64.36        |           |            |
|                     | For Type 304 Stainless Steel Frame, Add                                                                  | 976.80       |           |            |
|                     | For Type 316 Stainless Steel Frame, Add                                                                  | 1,137.71     |           |            |
|                     | For Baked Enamel Finish, Add                                                                             | 195.08       |           |            |
|                     | For 18 Gauge Frame, Deduct                                                                               | -53.63       |           |            |
|                     | For 14 Gauge Frame, Add                                                                                  | 134.09       |           |            |
|                     | For 12 Gauge Frame, Add                                                                                  | 203.81       |           |            |
|                     | For Clear Aluminum Frames (Three Piece), Add                                                             | 158.22       |           |            |
|                     | For Black Aluminum Frames (Three Piece), Add                                                             | 241.35       |           |            |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM                                                                                             | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 12 13 13-0026 | EA  | 3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 775.04      | 119.36                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 80.45       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 64.36       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 977.35      |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,138.25    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 196.71      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -53.63      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 134.09      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 203.81      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 158.22      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 241.35      |                           |                         |
| 08 12 13 13-0027 | EA  | 4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 805.06      | 124.77                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 83.33       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 66.66       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,012.38    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,179.03    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 204.08      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -55.55      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 138.88      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 211.09      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 163.87      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 249.98      |                           |                         |
| 08 12 13 13-0028 | EA  | 5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 835.06      | 130.20                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 86.20       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 68.96       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,047.39    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,219.79    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 211.46      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -57.47      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 143.66      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 218.37      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 169.52      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 258.59      |                           |                         |
| 08 12 13 13-0029 | EA  | 5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 845.90      | 135.63                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 86.20       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 68.96       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,047.93    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,220.33    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 213.08      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -57.47      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 143.66      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 218.37      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 169.52      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 258.59      |                           |                         |
| 08 12 13 13-0030 | EA  | 5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 860.91      | 138.34                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 87.63       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 70.11       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,065.45    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,240.72    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 216.77      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -58.42      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 146.06      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 222.01      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 172.35      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 262.90      |                           |                         |
| 08 12 13 13-0031 | EA  | 6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 875.92      | 141.05                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 89.07       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 71.26       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,082.96    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,261.11    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 220.46      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -59.38      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 148.45      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 225.65      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 175.17      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 267.21      |                           |                         |
| 08 12 13 13-0032 | EA  | 7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 919.65      | 143.77                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                               | 94.82       |                           |                         |
|                  |     | For Welded Frames, Add                                                                          | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                      | 75.85       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                         | 1,152.19    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                         | 1,341.83    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                    | 232.77      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                      | -63.21      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                         | 158.03      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                         | 240.21      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                    | 186.48      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                    | 284.45      |                           |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Metal Frames     | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                             | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0033 | EA  |     | 8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....             | 963.39                 | 146.48               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 100.56                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 80.45                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 1,221.42               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 1,422.55               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 245.07                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -67.04                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 167.61                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 254.76                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 197.78                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 301.69                 |                      |
| 08 12 13 13-0034 |     |     | 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)                                |                        |                      |
|                  |     |     | Note: For non-rated or fire rated frame assemblies                                                      |                        |                      |
| 08 12 13 13-0035 |     |     | 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034) |                        |                      |
| 08 12 13 13-0036 | EA  |     | 2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 565.01                 | 81.38                |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 60.34                  |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 48.27                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 732.21                 |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 852.88                 |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 145.09                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -40.23                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 100.57                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 152.86                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 118.67                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 181.02                 |                      |
| 08 12 13 13-0037 | EA  |     | 2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 657.91                 | 89.51                |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 71.83                  |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 57.47                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 870.94                 |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 1,014.60               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 170.52                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -47.89                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 119.72                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 181.97                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 141.27                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 215.50                 |                      |
| 08 12 13 13-0038 | EA  |     | 2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 676.42                 | 94.94                |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 72.98                  |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 58.38                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 885.27                 |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 1,031.23               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 174.44                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -48.65                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 121.64                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 184.89                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 143.53                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 218.94                 |                      |
| 08 12 13 13-0039 | EA  |     | 2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....        | 692.69                 | 103.08               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 72.98                  |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 58.38                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 886.08                 |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 1,032.04               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 176.88                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -48.65                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 121.64                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 184.89                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 143.53                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 218.94                 |                      |
| 08 12 13 13-0040 | EA  |     | 2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....       | 705.78                 | 105.79               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                       | 74.13                  |                      |
|                  |     |     | For Welded Frames, Add                                                                                  | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                              | 59.30                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                 | 900.14                 |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                 | 1,048.40               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                            | 180.00                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                              | -49.42                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                 | 123.55                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                 | 187.80                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                            | 145.79                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                            | 222.39                 |                      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM                                                                                         | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 12 13 13-0041 | EA  | 3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame    | .....       | 718.87                    | 108.50                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 75.28                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 60.22                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 914.20                    |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,064.76                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 183.11                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -50.19                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 125.47                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 190.71                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 148.05                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 225.84                    |                         |
| 08 12 13 13-0042 | EA  | 3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | .....       | 764.19                    | 113.93                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 80.45                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 64.36                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 976.80                    |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,137.71                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 195.08                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -53.63                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 134.09                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 203.81                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 158.22                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 241.35                    |                         |
| 08 12 13 13-0043 | EA  | 4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame    | .....       | 775.04                    | 119.36                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 80.45                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 64.36                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 977.35                    |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,138.25                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 196.71                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -53.63                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 134.09                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 203.81                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 158.22                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 241.35                    |                         |
| 08 12 13 13-0044 | EA  | 4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame    | .....       | 805.06                    | 124.77                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 83.33                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 66.66                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 1,012.38                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,179.03                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 204.08                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -55.55                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 138.88                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 211.09                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 163.87                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 249.98                    |                         |
| 08 12 13 13-0045 | EA  | 5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame    | .....       | 835.06                    | 130.20                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 86.20                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 68.96                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 1,047.39                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,219.79                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 211.46                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -57.47                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 143.66                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 218.37                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 169.52                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 258.59                    |                         |
| 08 12 13 13-0046 | EA  | 5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | .....       | 845.90                    | 135.63                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 86.20                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 68.96                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 1,047.93                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,220.33                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 213.08                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -57.47                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 143.66                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 218.37                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 169.52                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 258.59                    |                         |
| 08 12 13 13-0047 | EA  | 5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | .....       | 860.91                    | 138.34                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                           | .....       | 87.63                     |                         |
|                  |     | For Welded Frames, Add                                                                      | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                  | .....       | 70.11                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                     | .....       | 1,065.45                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                     | .....       | 1,240.72                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                | .....       | 216.77                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                  | .....       | -58.42                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                     | .....       | 146.06                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                     | .....       | 222.01                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                | .....       | 172.35                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                | .....       | 262.90                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT                                                                                                            |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT COST                                                                                                               |  | UNIT COST  |
| 08 12 13 13-0048 | EA 6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add  | 875.92<br>89.07<br>211.05<br>71.26<br>1,082.96<br>1,261.11<br>220.46<br>-59.38<br>148.45<br>225.65<br>175.17<br>267.21  |  | 141.05     |
| 08 12 13 13-0049 | EA 7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add  | 919.65<br>94.82<br>211.05<br>75.85<br>1,152.19<br>1,341.83<br>232.77<br>-63.21<br>158.03<br>240.21<br>186.48<br>284.45  |  | 143.77     |
| 08 12 13 13-0050 | EA 8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add  | 963.39<br>100.56<br>211.05<br>80.45<br>1,221.42<br>1,422.55<br>245.07<br>-67.04<br>167.61<br>254.76<br>197.78<br>301.69 |  | 146.48     |
| 08 12 13 13-0051 | >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                         |  |            |
| 08 12 13 13-0052 | EA 2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add    | 609.70<br>67.04<br>211.05<br>53.63<br>812.65<br>946.73<br>158.50<br>-44.70<br>111.74<br>169.84<br>131.85<br>201.13      |  | 81.38      |
| 08 12 13 13-0053 | EA 2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add | 711.12<br>79.81<br>211.05<br>63.85<br>966.71<br>1,126.34<br>186.48<br>-53.21<br>133.02<br>202.19<br>156.97<br>239.44    |  | 89.51      |
| 08 12 13 13-0054 | EA 2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add | 730.48<br>81.09<br>211.05<br>64.87<br>982.57<br>1,144.75<br>190.66<br>-54.06<br>135.15<br>205.43<br>159.48<br>243.27    |  | 94.94      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM                                                                                              | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 12 13 13-0055 | EA  | 2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....  | 746.75      | 103.08                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 81.09       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 64.87       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 983.39      |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,145.57    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 193.10      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -54.06      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 135.15      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 205.43      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 159.48      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 243.27      |                           |                         |
| 08 12 13 13-0056 | EA  | 2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 760.69      | 105.79                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 82.37       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 65.89       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 998.98      |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,163.71    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 196.47      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -54.91      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 137.28      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 208.66      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 161.99      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 247.10      |                           |                         |
| 08 12 13 13-0057 | EA  | 3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....  | 774.64      | 108.50                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 83.64       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 66.92       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 1,014.58    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,181.87    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 199.84      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -55.76      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 139.41      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 211.90      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 164.50      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 250.93      |                           |                         |
| 08 12 13 13-0058 | EA  | 3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....  | 823.79      | 113.93                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 89.39       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 71.51       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 1,084.08    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,262.87    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 212.96      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -59.59      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 148.99      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 226.46      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 175.80      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 268.17      |                           |                         |
| 08 12 13 13-0059 | EA  | 3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....  | 834.64      | 119.36                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 89.39       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 71.51       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 1,084.63    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,263.41    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 214.59      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -59.59      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 148.99      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 226.46      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 175.80      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 268.17      |                           |                         |
| 08 12 13 13-0060 | EA  | 4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....     | 866.78      | 124.77                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 92.58       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 74.07       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 1,123.47    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,308.64    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 222.60      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -61.72      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 154.31      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 234.54      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 182.08      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 277.75      |                           |                         |
| 08 12 13 13-0061 | EA  | 5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....     | 898.91      | 130.20                    |                         |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                | 95.78       |                           |                         |
|                  |     | For Welded Frames, Add                                                                           | 211.05      |                           |                         |
|                  |     | For Galvanized Frames, Add                                                                       | 76.62       |                           |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                          | 1,162.32    |                           |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                          | 1,353.87    |                           |                         |
|                  |     | For Baked Enamel Finish, Add                                                                     | 230.61      |                           |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                       | -63.85      |                           |                         |
|                  |     | For 14 Gauge Frame, Add                                                                          | 159.63      |                           |                         |
|                  |     | For 12 Gauge Frame, Add                                                                          | 242.63      |                           |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                     | 188.36      |                           |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                     | 287.33      |                           |                         |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT UNIT COST                                                                                                    | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------|
| 08 12 13 13-0062 | EA  |     | 5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add | 909.75<br>95.78<br>211.05<br>76.62<br>1,162.86<br>1,354.41<br>232.24<br>-63.85<br>159.63<br>242.63<br>188.36<br>287.33    | 135.63               |
| 08 12 13 13-0063 | EA  |     | 5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add | 925.83<br>97.37<br>211.05<br>77.90<br>1,182.30<br>1,377.05<br>236.25<br>-64.92<br>162.29<br>246.68<br>191.50<br>292.12    | 138.34               |
| 08 12 13 13-0064 | EA  |     | 6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add    | 941.90<br>98.97<br>211.05<br>79.17<br>1,201.73<br>1,399.66<br>240.25<br>-65.98<br>164.95<br>250.72<br>194.64<br>296.91    | 141.05               |
| 08 12 13 13-0065 | EA  |     | 7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add    | 989.89<br>105.35<br>211.05<br>84.28<br>1,278.62<br>1,489.33<br>253.84<br>-70.24<br>175.59<br>266.90<br>207.20<br>316.06   | 143.77               |
| 08 12 13 13-0066 | EA  |     | 8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add    | 1,037.88<br>111.74<br>211.05<br>89.39<br>1,355.50<br>1,578.98<br>267.42<br>-74.49<br>186.23<br>283.07<br>219.75<br>335.21 | 146.48               |
| 08 12 13 13-0067 |     |     | 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                           |                      |
| 08 12 13 13-0068 |     |     | 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                           |                      |
| 08 12 13 13-0069 | EA  |     | 2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add<br>For Clear Aluminum Frames (Three Piece), Add<br>For Black Aluminum Frames (Three Piece), Add  | 799.57<br>95.52<br>211.05<br>76.42<br>1,154.41<br>1,345.46<br>215.46<br>-63.68<br>159.21<br>241.99<br>187.86<br>286.57    | 81.38                |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM                                                                                          | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 12 13 13-0070 | EA  | 2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame  | .....       | 937.15                    | 89.51                   |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 113.72                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 90.97                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,373.57                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,601.00                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 254.29                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -75.81                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 189.53                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 288.09                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 223.65                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 341.15                    |                         |
| 08 12 13 13-0071 | EA  | 2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame  | .....       | 960.13                    | 94.94                   |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 115.54                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 92.43                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,395.94                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,627.02                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 259.56                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -77.03                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 192.56                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 292.70                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 227.22                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 346.61                    |                         |
| 08 12 13 13-0072 | EA  | 2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | .....       | 976.40                    | 103.08                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 115.54                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 92.43                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,396.76                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,627.83                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 262.00                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -77.03                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 192.56                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 292.70                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 227.22                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 346.61                    |                         |
| 08 12 13 13-0073 | EA  | 2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame | .....       | 993.96                    | 105.79                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 117.36                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 93.89                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,418.86                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,653.58                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 266.45                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -78.24                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 195.60                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 297.30                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 230.80                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 352.07                    |                         |
| 08 12 13 13-0074 | EA  | 3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame     | .....       | 1,011.52                  | 108.50                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 119.18                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 95.34                     |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,440.97                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,679.32                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 270.90                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -79.45                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 198.63                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 301.91                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 234.38                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 357.53                    |                         |
| 08 12 13 13-0075 | EA  | 3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame  | .....       | 1,076.94                  | 113.93                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 127.36                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 101.89                    |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,539.75                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,794.48                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 288.90                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -84.91                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 212.27                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 322.65                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 250.48                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 382.09                    |                         |
| 08 12 13 13-0076 | EA  | 3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame  | .....       | 1,087.79                  | 119.36                  |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                            | .....       | 127.36                    |                         |
|                  |     | For Welded Frames, Add                                                                       | .....       | 211.05                    |                         |
|                  |     | For Galvanized Frames, Add                                                                   | .....       | 101.89                    |                         |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                      | .....       | 1,540.30                  |                         |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                      | .....       | 1,795.02                  |                         |
|                  |     | For Baked Enamel Finish, Add                                                                 | .....       | 290.53                    |                         |
|                  |     | For 18 Gauge Frame, Deduct                                                                   | .....       | -84.91                    |                         |
|                  |     | For 14 Gauge Frame, Add                                                                      | .....       | 212.27                    |                         |
|                  |     | For 12 Gauge Frame, Add                                                                      | .....       | 322.65                    |                         |
|                  |     | For Clear Aluminum Frames (Three Piece), Add                                                 | .....       | 250.48                    |                         |
|                  |     | For Black Aluminum Frames (Three Piece), Add                                                 | .....       | 382.09                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0077 | EA  |     | 4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,128.98               | 124.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 131.91                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 105.53                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,595.43               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,859.26               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 301.26                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -87.94                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 219.86                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 334.18                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 259.43                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 395.74                 |                      |
| 08 12 13 13-0078 | EA  |     | 5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,170.15               | 130.20               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 136.46                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 109.17                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,650.55               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,923.47               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 311.98                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -90.97                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 227.44                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 345.70                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 268.37                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 409.38                 |                      |
| 08 12 13 13-0079 | EA  |     | 5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,180.99               | 135.63               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 136.46                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 109.17                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,651.09               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,924.02               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 313.61                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -90.97                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 227.44                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 345.70                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 268.37                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 409.38                 |                      |
| 08 12 13 13-0080 | EA  |     | 5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,201.58               | 138.34               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 138.74                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 110.99                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,678.65               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,956.12               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 318.97                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -92.49                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 231.23                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 351.46                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 272.85                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 416.21                 |                      |
| 08 12 13 13-0081 | EA  |     | 6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,222.18               | 141.05               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 141.01                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 112.81                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,706.23               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 1,988.25               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 324.34                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -94.01                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 235.02                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 357.23                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 277.32                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 423.03                 |                      |
| 08 12 13 13-0082 | EA  |     | 7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,288.24               | 143.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 150.11                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 120.09                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,815.65               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 2,115.87               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 343.34                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -100.07                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 250.18                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 380.27                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 295.21                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 450.32                 |                      |
| 08 12 13 13-0083 | EA  |     | 8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,354.33               | 146.48               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                 | 159.21                 |                      |
|                  |     |     | For Welded Frames, Add                                                                            | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                        | 127.36                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                           | 1,925.11               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                           | 2,243.53               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                      | 362.36                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                        | -106.14                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                           | 265.34                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                           | 403.32                 |                      |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                      | 313.10                 |                      |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                      | 477.62                 |                      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                          |          |        |
|------------------|----------------------------------------------------------------------------------------------------------|----------|--------|
| 08 12 13 13-0084 | >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067) |          |        |
| 08 12 13 13-0085 | EA 2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 870.33   | 81.38  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 106.14   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 84.91    |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,281.78 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,494.06 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 236.69   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -70.76   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 176.90   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 268.88   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 208.74   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 318.41   |        |
| 08 12 13 13-0086 | EA 2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....       | 1,021.38 | 89.51  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 126.35   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 101.08   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,525.18 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,777.89 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 279.56   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -84.24   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 210.59   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 320.09   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 248.49   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 379.06   |        |
| 08 12 13 13-0087 | EA 2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....       | 1,045.71 | 94.94  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 128.37   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 102.70   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,549.99 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,806.74 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 285.23   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -85.58   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 213.96   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 325.22   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 252.47   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 385.12   |        |
| 08 12 13 13-0088 | EA 2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....       | 1,061.98 | 103.08 |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 128.37   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 102.70   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,550.80 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,807.55 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 287.67   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -85.58   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 213.96   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 325.22   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 252.47   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 385.12   |        |
| 08 12 13 13-0089 | EA 2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....      | 1,080.89 | 105.79 |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 130.40   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 104.32   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,575.34 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,836.13 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 292.53   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -86.93   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 217.33   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 330.34   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 256.45   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 391.19   |        |
| 08 12 13 13-0090 | EA 3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....          | 1,099.80 | 108.50 |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 132.42   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 105.93   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,599.87 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,864.71 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 297.39   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -88.28   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 220.70   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 335.46   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 260.42   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 397.26   |        |
| 08 12 13 13-0091 | EA 3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....       | 1,171.29 | 113.93 |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                        | 141.52   |        |
|                  | For Welded Frames, Add                                                                                   | 211.05   |        |
|                  | For Galvanized Frames, Add                                                                               | 113.21   |        |
|                  | For Type 304 Stainless Steel Frame, Add                                                                  | 1,709.58 |        |
|                  | For Type 316 Stainless Steel Frame, Add                                                                  | 1,992.62 |        |
|                  | For Baked Enamel Finish, Add                                                                             | 317.21   |        |
|                  | For 18 Gauge Frame, Deduct                                                                               | -94.34   |        |
|                  | For 14 Gauge Frame, Add                                                                                  | 235.86   |        |
|                  | For 12 Gauge Frame, Add                                                                                  | 358.51   |        |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                             | 278.31   |        |
|                  | For Black Aluminum Frames (Three Piece), Add                                                             | 424.55   |        |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            |                                                                                                    | TOTAL DIRECT |  | DEMOLITION |  |
|------------------|----------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI              | UOM DESCRIPTION                                                                                    | UNIT COST    |  | UNIT COST  |  |
| 08 12 13 13-0092 | EA 3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,182.14     |  | 119.36     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 141.52       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 113.21       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,710.13     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 1,993.16     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 318.84       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -94.34       |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 235.86       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 358.51       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 278.31       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 424.55       |  |            |  |
| 08 12 13 13-0093 | EA 4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,226.69     |  | 124.77     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 146.57       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 117.26       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,771.31     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,064.45     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 330.57       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -97.71       |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 244.28       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 371.31       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 288.25       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 439.71       |  |            |  |
| 08 12 13 13-0094 | EA 5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,271.23     |  | 130.20     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 151.62       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 121.30       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,832.50     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,135.74     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 342.31       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -101.08      |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 252.71       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 384.11       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 298.19       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 454.87       |  |            |  |
| 08 12 13 13-0095 | EA 5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,282.07     |  | 135.63     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 151.62       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 121.30       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,833.04     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,136.28     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 343.93       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -101.08      |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 252.71       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 384.11       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 298.19       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 454.87       |  |            |  |
| 08 12 13 13-0096 | EA 5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,304.35     |  | 138.34     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 154.15       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 123.32       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,863.64     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,171.94     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 349.80       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -102.77      |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 256.92       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 390.51       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 303.16       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 462.45       |  |            |  |
| 08 12 13 13-0097 | EA 6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,326.63     |  | 141.05     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 156.68       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 125.34       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 1,894.24     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,207.60     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 355.67       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -104.45      |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 261.13       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 396.92       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 308.13       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 470.03       |  |            |  |
| 08 12 13 13-0098 | EA 7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....    | 1,399.42     |  | 143.77     |  |
|                  | For Auxiliary Frame Reinforcement For Hinges, Add                                                  | 166.78       |  |            |  |
|                  | For Welded Frames, Add                                                                             | 211.05       |  |            |  |
|                  | For Galvanized Frames, Add                                                                         | 133.43       |  |            |  |
|                  | For Type 304 Stainless Steel Frame, Add                                                            | 2,015.78     |  |            |  |
|                  | For Type 316 Stainless Steel Frame, Add                                                            | 2,349.35     |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                       | 376.70       |  |            |  |
|                  | For 18 Gauge Frame, Deduct                                                                         | -111.19      |  |            |  |
|                  | For 14 Gauge Frame, Add                                                                            | 277.97       |  |            |  |
|                  | For 12 Gauge Frame, Add                                                                            | 422.52       |  |            |  |
|                  | For Clear Aluminum Frames (Three Piece), Add                                                       | 328.01       |  |            |  |
|                  | For Black Aluminum Frames (Three Piece), Add                                                       | 500.35       |  |            |  |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 12 13 13-0099 | EA  |     | 8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....                               | 1,472.25                  | 146.48                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 176.89                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 141.51                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 2,137.37                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,491.16                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 397.73                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -117.93                   |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 294.82                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 448.13                    |                         |
|                  |     |     | For Clear Aluminum Frames (Three Piece), Add                                                                              | 347.89                    |                         |
|                  |     |     | For Black Aluminum Frames (Three Piece), Add                                                                              | 530.68                    |                         |
| 08 12 13 13-0100 |     |     | 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door<br>Frames (08 12 13 13)                                |                           |                         |
|                  |     |     | Note: For non-rated or fire rated frame assemblies                                                                        |                           |                         |
| 08 12 13 13-0101 |     |     | 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock<br>Down Hollow Metal Door Frames (08 12 13 13-0100) |                           |                         |
| 08 12 13 13-0102 | EA  |     | 2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....              | 847.33                    | 81.38                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 102.69                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 82.15                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,240.38                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,445.76                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 229.79                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -68.46                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 171.15                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 260.14                    |                         |
| 08 12 13 13-0103 | EA  |     | 2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 994.01                    | 89.51                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 122.25                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 97.80                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,475.92                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,720.41                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 271.35                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -81.50                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 203.75                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 309.69                    |                         |
| 08 12 13 13-0104 | EA  |     | 2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 1,017.90                  | 94.94                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 124.20                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 99.36                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,499.93                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,748.34                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 276.89                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -82.80                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 207.01                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 314.65                    |                         |
| 08 12 13 13-0105 | EA  |     | 2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....           | 1,034.17                  | 103.08                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 124.20                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 99.36                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,500.74                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,749.15                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 279.33                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -82.80                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 207.01                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 314.65                    |                         |
| 08 12 13 13-0106 | EA  |     | 2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....          | 1,052.64                  | 105.79                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 126.16                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 100.93                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,524.49                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,776.81                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 284.06                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -84.11                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 210.27                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 319.60                    |                         |
| 08 12 13 13-0107 | EA  |     | 3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....              | 1,071.11                  | 108.50                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 128.12                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 102.49                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,548.23                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,804.46                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 288.78                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -85.41                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 213.53                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 324.56                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                               | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0108 | EA  |     | 3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,140.62 |                        | 113.93               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 136.92                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 109.53                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,654.38               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,928.21               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 308.01                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -91.28                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 228.19                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 346.85                 |                      |
| 08 12 13 13-0109 | EA  |     | 3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,151.47 |                        | 119.36               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 136.92                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 109.53                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,654.92               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,928.75               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 309.64                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -91.28                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 228.19                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 346.85                 |                      |
| 08 12 13 13-0110 | EA  |     | 4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,194.93    |                        | 124.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 141.81                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 113.44                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,714.14               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 1,997.76               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 321.05                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -94.54                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 236.34                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 359.24                 |                      |
| 08 12 13 13-0111 | EA  |     | 5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,238.38    |                        | 130.20               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 146.70                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 117.36                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,773.37               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,066.76               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 332.45                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -97.80                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 244.49                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 371.63                 |                      |
| 08 12 13 13-0112 | EA  |     | 5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,249.22 |                        | 135.63               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 146.70                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 117.36                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,773.91               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,067.30               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 334.08                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -97.80                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 244.49                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 371.63                 |                      |
| 08 12 13 13-0113 | EA  |     | 5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,270.95 |                        | 138.34               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 149.14                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 119.31                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,803.52               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,101.80               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 339.78                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -99.43                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 248.57                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 377.82                 |                      |
| 08 12 13 13-0114 | EA  |     | 6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,292.68    |                        | 141.05               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 151.59                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 121.27                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,833.13               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,136.30               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 345.49                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -101.06                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 252.64                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 384.02                 |                      |
| 08 12 13 13-0115 | EA  |     | 7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... 1,363.29    |                        | 143.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                         | 161.36                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                                    | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                                | 129.09                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                   | 1,950.74               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                   | 2,273.47               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                              | 365.86                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                | -107.58                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                   | 268.94                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                   | 408.79                 |                      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 12 13 13-0116 | EA  |     | 8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....                          | 1,433.93                  | 146.48                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 171.15                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 136.92                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 2,068.39                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 2,410.69                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 386.24                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -114.10                   |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 285.24                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 433.57                    |                         |
| 08 12 13 13-0117 |     |     | <b>&gt;7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock<br/>Down Hollow Metal Door Frames</b> (08 12 13 13-0100) |                           |                         |
| 08 12 13 13-0118 | EA  |     | 2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....                            | 923.39                    | 81.38                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 114.10                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 91.28                     |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,377.29                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 1,605.48                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 252.60                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -76.06                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 190.16                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 289.04                    |                         |
| 08 12 13 13-0119 | EA  |     | 2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                        | 1,084.56                  | 89.51                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 135.83                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 108.66                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,638.91                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 1,910.56                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 298.51                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -90.55                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 226.38                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 344.10                    |                         |
| 08 12 13 13-0120 | EA  |     | 2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                        | 1,109.90                  | 94.94                   |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 138.00                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 110.40                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,665.53                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 1,941.54                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 304.49                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -92.00                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 230.01                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 349.61                    |                         |
| 08 12 13 13-0121 | EA  |     | 2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                        | 1,126.17                  | 103.08                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 138.00                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 110.40                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,666.34                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 1,942.35                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 306.93                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -92.00                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 230.01                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 349.61                    |                         |
| 08 12 13 13-0122 | EA  |     | 2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                       | 1,146.09                  | 105.79                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 140.18                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 112.14                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,692.70                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 1,973.05                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 312.09                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -93.45                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 233.63                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 355.11                    |                         |
| 08 12 13 13-0123 | EA  |     | 3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                           | 1,166.00                  | 108.50                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 142.35                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 113.88                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,719.03                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 2,003.73                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 317.25                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -94.90                    |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 237.25                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 360.62                    |                         |
| 08 12 13 13-0124 | EA  |     | 3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                        | 1,242.04                  | 113.93                  |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                     | 152.13                    |                         |
|                  |     |     | For Welded Frames, Add                                                                                                                | 211.05                    |                         |
|                  |     |     | For Galvanized Frames, Add                                                                                                            | 121.70                    |                         |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                                               | 1,836.93                  |                         |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                                               | 2,141.19                  |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                                                          | 338.43                    |                         |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                                            | -101.42                   |                         |
|                  |     |     | For 14 Gauge Frame, Add                                                                                                               | 253.55                    |                         |
|                  |     |     | For 12 Gauge Frame, Add                                                                                                               | 385.39                    |                         |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT UNIT COST                                                                                  | DEMOLITION UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------|
| 08 12 13 13-0125 | EA  |     | 3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add | 1,252.89<br>152.13<br>211.05<br>121.70<br>1,837.48<br>2,141.73<br>340.06<br>-101.42<br>253.55<br>385.39 | 119.36               |
| 08 12 13 13-0126 | EA  |     | 4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add    | 1,259.97<br>157.56<br>211.05<br>126.05<br>1,903.22<br>2,218.34<br>352.56<br>-105.04<br>262.60<br>399.16 | 124.77               |
| 08 12 13 13-0127 | EA  |     | 5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add    | 1,347.05<br>163.00<br>211.05<br>130.40<br>1,968.97<br>2,294.96<br>365.05<br>-108.66<br>271.66<br>412.92 | 130.20               |
| 08 12 13 13-0128 | EA  |     | 5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add | 1,357.89<br>163.00<br>211.05<br>130.40<br>1,969.51<br>2,295.51<br>366.68<br>-108.66<br>271.66<br>412.92 | 135.63               |
| 08 12 13 13-0129 | EA  |     | 5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add | 1,381.43<br>165.71<br>211.05<br>132.57<br>2,002.38<br>2,333.81<br>372.93<br>-110.48<br>276.19<br>419.81 | 138.34               |
| 08 12 13 13-0130 | EA  |     | 6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add    | 1,404.97<br>168.43<br>211.05<br>134.74<br>2,035.25<br>2,372.11<br>379.17<br>-112.29<br>280.72<br>426.69 | 141.05               |
| 08 12 13 13-0131 | EA  |     | 7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add    | 1,482.81<br>179.29<br>211.05<br>143.43<br>2,165.88<br>2,524.46<br>401.71<br>-119.53<br>298.82<br>454.21 | 143.77               |
| 08 12 13 13-0132 | EA  |     | 8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....<br>For Auxiliary Frame Reinforcement For Hinges, Add<br>For Welded Frames, Add<br>For Galvanized Frames, Add<br>For Type 304 Stainless Steel Frame, Add<br>For Type 316 Stainless Steel Frame, Add<br>For Baked Enamel Finish, Add<br>For 18 Gauge Frame, Deduct<br>For 14 Gauge Frame, Add<br>For 12 Gauge Frame, Add    | 1,560.70<br>190.16<br>211.05<br>152.13<br>2,296.58<br>2,676.90<br>424.27<br>-126.77<br>316.94<br>481.74 | 146.48               |

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door  
Frames (08 12 13 13)  
Note: For non-rated or fire rated frame assemblies

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            |     |                                                                                                                                    |          | TOTAL DIRECT |           | DEMOLITION |
|------------------|-----|------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|-----------|------------|
| CSI              | UOM | DESCRIPTION                                                                                                                        |          | UNIT COST    | UNIT COST | UNIT COST  |
| 08 12 13 13-0134 |     | 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0133)</small> |          |              |           |            |
| 08 12 13 13-0135 | EA  | 2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....                          | 879.17   |              | 81.38     |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 107.46   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 85.97    |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,297.69 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,512.62 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 239.34   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -71.64   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 179.11   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 272.24   |              |           |            |
| 08 12 13 13-0136 | EA  | 2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                      | 1,031.91 |              | 89.51     |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 127.93   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 102.35   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,544.14 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,800.00 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 282.72   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -85.29   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 213.22   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 324.09   |              |           |            |
| 08 12 13 13-0137 | EA  | 2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                      | 1,056.41 |              | 94.94     |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 129.98   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 103.98   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,569.25 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,829.21 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 288.44   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -86.65   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 216.63   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 329.28   |              |           |            |
| 08 12 13 13-0138 | EA  | 2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                      | 1,072.68 |              | 103.08    |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 129.98   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 103.98   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,570.06 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,830.02 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 290.88   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -86.65   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 216.63   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 329.28   |              |           |            |
| 08 12 13 13-0139 | EA  | 2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                     | 1,091.75 |              | 105.79    |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 132.03   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 105.62   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,594.89 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,858.94 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 295.79   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -88.02   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 220.04   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 334.46   |              |           |            |
| 08 12 13 13-0140 | EA  | 3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....                          | 1,110.83 |              | 108.50    |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 134.07   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 107.26   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,619.73 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 1,887.87 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 300.70   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -89.38   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 223.46   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 339.65   |              |           |            |
| 08 12 13 13-0141 | EA  | 3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                      | 1,183.08 |              | 113.93    |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 143.28   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 114.63   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,730.81 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 2,017.38 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 320.75   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -95.52   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 238.81   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 362.99   |              |           |            |
| 08 12 13 13-0142 | EA  | 3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....                      | 1,193.93 |              | 119.36    |            |
|                  |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                                  | 143.28   |              |           |            |
|                  |     | For Welded Frames, Add                                                                                                             | 211.05   |              |           |            |
|                  |     | For Galvanized Frames, Add                                                                                                         | 114.63   |              |           |            |
|                  |     | For Type 304 Stainless Steel Frame, Add                                                                                            | 1,731.35 |              |           |            |
|                  |     | For Type 316 Stainless Steel Frame, Add                                                                                            | 2,017.92 |              |           |            |
|                  |     | For Baked Enamel Finish, Add                                                                                                       | 322.37   |              |           |            |
|                  |     | For 18 Gauge Frame, Deduct                                                                                                         | -95.52   |              |           |            |
|                  |     | For 14 Gauge Frame, Add                                                                                                            | 238.81   |              |           |            |
|                  |     | For 12 Gauge Frame, Add                                                                                                            | 362.99   |              |           |            |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Metal Frames     | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                          | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0143 | EA  |     | 4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....            | 1,238.90               | 124.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 148.40                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 118.72                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,793.29               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,090.09               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 334.24                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -98.93                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 247.34                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 375.95                 |                      |
| 08 12 13 13-0144 | EA  |     | 5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....            | 1,263.87               | 130.20               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 153.52                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 122.82                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,855.25               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,162.29               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 346.10                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -102.35                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 255.87                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 388.91                 |                      |
| 08 12 13 13-0145 | EA  |     | 5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....         | 1,294.71               | 135.63               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 153.52                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 122.82                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,855.79               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,162.83               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 347.73                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -102.35                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 255.87                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 388.91                 |                      |
| 08 12 13 13-0146 | EA  |     | 5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....         | 1,317.20               | 138.34               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 156.08                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 124.86                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,886.77               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,198.93               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 353.66                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -104.05                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 260.13                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 395.40                 |                      |
| 08 12 13 13-0147 | EA  |     | 6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....            | 1,339.68               | 141.05               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 158.64                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 126.91                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,917.73               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,235.00               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 359.59                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -105.76                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 264.39                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 401.88                 |                      |
| 08 12 13 13-0148 | EA  |     | 7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....            | 1,413.33               | 143.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 168.87                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 135.10                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 2,040.82               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,378.56               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 380.87                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -112.58                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 281.45                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 427.80                 |                      |
| 08 12 13 13-0149 | EA  |     | 8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....            | 1,487.00               | 146.48               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 179.11                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 143.28                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 2,163.92               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 2,522.13               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 402.16                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -119.40                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 298.51                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 453.74                 |                      |
| 08 12 13 13-0150 |     |     | >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133) |                        |                      |
| 08 12 13 13-0151 | EA  |     | 2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....              | 958.77                 | 81.38                |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                                    | 119.40                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                               | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                           | 95.52                  |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                              | 1,440.97               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                              | 1,679.78               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                                         | 263.22                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                           | -79.60                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                              | 199.01                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                              | 302.49                 |                      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR            | CSI | UOM             | DESCRIPTION                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------|----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 12 13 13-0152 | EA  | 2'-4" x >7'-2"  | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,126.68                  | 89.51                   |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 142.15                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 113.72                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,714.72                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 1,999.02                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 311.15                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -94.77                    |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 236.91                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 360.11                    |                         |
| 08 12 13 13-0153 | EA  | 2'-6" x >7'-2"  | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,152.69                  | 94.94                   |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 144.42                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 115.54                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,742.55                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,031.40                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 317.33                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -96.28                    |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 240.70                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 365.87                    |                         |
| 08 12 13 13-0154 | EA  | 2'-8" x >7'-2"  | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,168.96                  | 103.08                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 144.42                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 115.54                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,743.37                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,032.21                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 319.77                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -96.28                    |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 240.70                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 365.87                    |                         |
| 08 12 13 13-0155 | EA  | 2'-10" x >7'-2" | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,189.55                  | 105.79                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 146.70                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 117.36                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,770.93                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,064.32                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 325.13                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -97.80                    |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 244.49                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 371.63                    |                         |
| 08 12 13 13-0156 | EA  | 3' x >7'-2"     | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,210.14                  | 108.50                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 148.97                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 119.18                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,798.48                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,096.42                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 330.49                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -99.31                    |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 248.28                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 377.39                    |                         |
| 08 12 13 13-0157 | EA  | 3'-4" x >7'-2"  | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,289.21                  | 113.93                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 159.20                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 127.36                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,921.84                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,240.25                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 352.59                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -106.14                   |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 265.34                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 403.32                    |                         |
| 08 12 13 13-0158 | EA  | 3'-6" x >7'-2"  | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....  | 1,300.06                  | 119.36                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 159.20                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 127.36                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,922.38                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,240.79                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 354.21                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -106.14                   |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 265.34                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 403.32                    |                         |
| 08 12 13 13-0159 | EA  | 4' x >7'-2"     | Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... | 1,348.83                  | 124.77                  |
|                  |     |                 | For Auxiliary Frame Reinforcement For Hinges, Add                                            | 164.89                    |                         |
|                  |     |                 | For Welded Frames, Add                                                                       | 211.05                    |                         |
|                  |     |                 | For Galvanized Frames, Add                                                                   | 131.91                    |                         |
|                  |     |                 | For Type 304 Stainless Steel Frame, Add                                                      | 1,991.16                  |                         |
|                  |     |                 | For Type 316 Stainless Steel Frame, Add                                                      | 2,320.95                  |                         |
|                  |     |                 | For Baked Enamel Finish, Add                                                                 | 367.22                    |                         |
|                  |     |                 | For 18 Gauge Frame, Deduct                                                                   | -109.93                   |                         |
|                  |     |                 | For 14 Gauge Frame, Add                                                                      | 274.82                    |                         |
|                  |     |                 | For 12 Gauge Frame, Add                                                                      | 417.72                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Frames     |  |  | 08 12 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0160 | EA  |     | 5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....    | 1,397.59               | 130.20               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 170.58                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 136.46                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,059.94               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,401.10               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 380.22                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -113.72                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 284.30                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 432.13                 |                      |
| 08 12 13 13-0161 | EA  |     | 5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... | 1,408.43               | 135.63               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 170.58                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 136.46                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,060.49               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,401.64               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 381.84                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -113.72                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 284.30                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 432.13                 |                      |
| 08 12 13 13-0162 | EA  |     | 5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... | 1,432.81               | 138.34               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 173.42                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 138.74                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,094.87               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,441.71               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 388.34                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -115.61                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 289.03                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 439.33                 |                      |
| 08 12 13 13-0163 | EA  |     | 6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....    | 1,457.19               | 141.05               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 176.26                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 141.01                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,129.25               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,481.77               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 394.84                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -117.51                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 293.77                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 446.53                 |                      |
| 08 12 13 13-0164 | EA  |     | 7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....    | 1,538.41               | 143.77               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 187.63                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 150.11                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,265.96               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,641.22               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 418.39                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -125.09                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 312.72                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 475.33                 |                      |
| 08 12 13 13-0165 | EA  |     | 8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....    | 1,619.66               | 146.48               |
|                  |     |     | For Auxiliary Frame Reinforcement For Hinges, Add                                                          | 199.01                 |                      |
|                  |     |     | For Welded Frames, Add                                                                                     | 211.05                 |                      |
|                  |     |     | For Galvanized Frames, Add                                                                                 | 159.20                 |                      |
|                  |     |     | For Type 304 Stainless Steel Frame, Add                                                                    | 2,402.71               |                      |
|                  |     |     | For Type 316 Stainless Steel Frame, Add                                                                    | 2,800.72               |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                               | 441.95                 |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -132.67                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 331.68                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 504.15                 |                      |
| 08 12 13 13-0166 |     |     | Sidelights And Transoms (08 12 13 13)                                                                      |                        |                      |
|                  |     |     | Note: For non-rated or fire rated frame assemblies                                                         |                        |                      |
| 08 12 13 13-0167 |     |     | Fixed Steel Transoms (08 12 13 13-0166)                                                                    |                        |                      |
|                  |     |     | Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.                                      |                        |                      |
| 08 12 13 13-0168 | SF  |     | 4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....                                                      | 94.82                  | 15.19                |
|                  |     |     | For Movable Frame, Add                                                                                     | 18.96                  |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -6.44                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 16.11                  |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 24.48                  |                      |
| 08 12 13 13-0169 | SF  |     | 5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....                                                      | 99.06                  | 15.73                |
|                  |     |     | For Movable Frame, Add                                                                                     | 19.81                  |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -6.76                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 16.90                  |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 25.69                  |                      |
| 08 12 13 13-0170 | SF  |     | 6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....                                                      | 103.55                 | 16.28                |
|                  |     |     | For Movable Frame, Add                                                                                     | 20.71                  |                      |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                                 | -7.10                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                                    | 17.75                  |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                                    | 26.98                  |                      |
| 08 12 13 13-0171 |     |     | Operable Steel Transom Sash (08 12 13 13-0166)                                                             |                        |                      |
|                  |     |     | Note: Includes hardware.                                                                                   |                        |                      |

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST                              | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|
| 08 12 13 13-0172 | SF  | 4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                              | 138.34<br>-10.80<br>26.99<br>41.02                     | 15.19                   |
| 08 12 13 13-0173 | SF  | 5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                              | 144.82<br>-11.34<br>28.34<br>43.08                     | 15.73                   |
| 08 12 13 13-0174 | SF  | 6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                              | 151.57<br>-11.90<br>29.76<br>45.23                     | 16.28                   |
| 08 12 13 13-0175 |     | <b>Sidelights, Steel Frame</b> (08 12 13 13-0166)<br>Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.                                                                                                                                                          |                                                        |                         |
| 08 12 13 13-0176 | SF  | 4-3/4" Deep Sidelights, 16 Gauge Frame .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                                               | 99.62<br>-6.92<br>17.37<br>26.31                       | 15.19                   |
| 08 12 13 13-0177 | SF  | 5-3/4" Deep Sidelights, 16 Gauge Frame .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                                               | 104.16<br>-7.27<br>18.18<br>27.63                      | 15.73                   |
| 08 12 13 13-0178 | SF  | 6-3/4" Deep Sidelights, 16 Gauge Frame .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i>                                                                                                                               | 108.86<br>-7.63<br>19.08<br>29.00                      | 16.28                   |
| 08 12 13 13-0179 |     | <b>Sundry Hollow Metal Frame Sections</b> (08 12 13 13)<br>Note: For non-rated or fire rated frame assemblies                                                                                                                                                                       |                                                        |                         |
| 08 12 13 13-0180 |     | <b>16 Gauge, Hollow Metal Frame Vertical Mullions</b> (08 12 13 13-0179)                                                                                                                                                                                                            |                                                        |                         |
| 08 12 13 13-0181 | LF  | 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i> | 37.54<br>-2.23<br>5.57<br>8.46<br>8.00<br>5.00<br>4.00 | 6.07                    |
| 08 12 13 13-0182 | LF  | 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i>      | 38.44<br>-2.32<br>5.79<br>8.80<br>8.00<br>5.00<br>4.00 | 6.07                    |
| 08 12 13 13-0183 | LF  | 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i> | 37.98<br>-2.23<br>5.57<br>8.46<br>8.00<br>5.00<br>4.00 | 6.29                    |
| 08 12 13 13-0184 | LF  | 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i>      | 39.37<br>-2.37<br>5.91<br>8.99<br>8.00<br>5.00<br>4.00 | 6.29                    |
| 08 12 13 13-0185 | LF  | 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i> | 39.44<br>-2.34<br>5.84<br>8.88<br>8.00<br>5.00<br>4.00 | 6.41                    |
| 08 12 13 13-0186 | LF  | 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i>      | 39.98<br>-2.39<br>5.98<br>9.09<br>8.00<br>5.00<br>4.00 | 6.41                    |
| 08 12 13 13-0187 |     | <b>16 Gauge, Hollow Metal Frame Horizontal Rails</b> (08 12 13 13-0179)                                                                                                                                                                                                             |                                                        |                         |
| 08 12 13 13-0188 | LF  | 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....<br><i>For 18 Gauge Frame, Deduct</i><br><i>For 14 Gauge Frame, Add</i><br><i>For 12 Gauge Frame, Add</i><br><i>For 3 Hour Frame, Add</i><br><i>For 1-1/2 Hour Frame, Add</i><br><i>For 3/4 Hour Frame, Add</i>  | 26.41<br>-1.11<br>2.78<br>4.23<br>8.00<br>5.00<br>4.00 | 6.07                    |



|  |  |                         |              |           |
|--|--|-------------------------|--------------|-----------|
|  |  | <b>Openings</b>         | <b>08</b>    | <b>08</b> |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |           |
|  |  | <b>Metal Frames</b>     | <b>08 12</b> |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                  | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 12 13 13-0189 | LF  |     | 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....                               | 27.55                  | 6.07                 |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -1.23                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 3.07                   |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 4.66                   |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 8.00                   |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 5.00                   |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 4.00                   |                      |
| 08 12 13 13-0190 | LF  |     | 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....                          | 26.85                  | 6.29                 |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -1.11                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 2.78                   |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 4.23                   |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 8.00                   |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 5.00                   |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 4.00                   |                      |
| 08 12 13 13-0191 | LF  |     | 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....                               | 27.99                  | 6.29                 |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -1.23                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 3.07                   |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 4.66                   |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 8.00                   |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 5.00                   |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 4.00                   |                      |
| 08 12 13 13-0192 | LF  |     | 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....                          | 27.76                  | 6.41                 |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -1.17                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 2.92                   |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 4.44                   |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 8.00                   |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 5.00                   |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 4.00                   |                      |
| 08 12 13 13-0193 | LF  |     | 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....                               | 28.75                  | 6.41                 |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -1.27                  |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 3.17                   |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 4.82                   |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 8.00                   |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 5.00                   |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 4.00                   |                      |
| 08 12 13 13-0194 |     |     | 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions (08 12 13 13-0179)            |                        |                      |
| 08 12 13 13-0195 | EA  |     | 4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion ..... | 989.77                 | 42.53                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -88.34                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 220.86                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 335.71                 |                      |
| 08 12 13 13-0196 | EA  |     | 4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion .....     | 1,025.00               | 42.53                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -91.87                 |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 229.67                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 349.09                 |                      |
| 08 12 13 13-0197 | EA  |     | 5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion ..... | 1,135.23               | 44.49                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -102.56                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 256.41                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 389.74                 |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 56.00                  |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 36.00                  |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 28.00                  |                      |
| 08 12 13 13-0198 | EA  |     | 5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion .....     | 1,166.69               | 44.49                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -105.71                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 264.28                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 401.70                 |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 56.00                  |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 36.00                  |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 28.00                  |                      |
| 08 12 13 13-0199 | EA  |     | 6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion ..... | 1,319.53               | 45.57                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -120.56                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 301.40                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 458.13                 |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 56.00                  |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 36.00                  |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 28.00                  |                      |
| 08 12 13 13-0200 | EA  |     | 6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion .....     | 1,340.93               | 45.57                |
|                  |     |     | For 18 Gauge Frame, Deduct                                                                   | -122.70                |                      |
|                  |     |     | For 14 Gauge Frame, Add                                                                      | 306.75                 |                      |
|                  |     |     | For 12 Gauge Frame, Add                                                                      | 466.26                 |                      |
|                  |     |     | For 3 Hour Frame, Add                                                                        | 56.00                  |                      |
|                  |     |     | For 1-1/2 Hour Frame, Add                                                                    | 36.00                  |                      |
|                  |     |     | For 3/4 Hour Frame, Add                                                                      | 28.00                  |                      |
| 08 12 13 13-0201 |     |     | Metal Frames Accessories (08 12 13 13)                                                       |                        |                      |
| 08 12 13 13-0202 | EA  |     | For 1' Extension Of New Door Frame .....                                                     | 39.95                  |                      |
| 08 12 16         |     |     | Aluminum Frames (08 12)                                                                      |                        |                      |
| 08 12 16 00-0001 |     |     | Two Piece Aluminum Door Frames (08 12 16)                                                    |                        |                      |
| 08 12 16 00-0002 |     |     | 4-1/8" x 3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)                              |                        |                      |

|    |              |                         |
|----|--------------|-------------------------|
| 08 | <b>08</b>    | <b>Openings</b>         |
|    | <b>08 10</b> | <b>Doors and Frames</b> |
|    | <b>08 12</b> | <b>Metal Frames</b>     |



| MINOR | CSI | UOM | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------|-----|-----|-------------|---------------------------|-------------------------|
|-------|-----|-----|-------------|---------------------------|-------------------------|

|                  |    |  |                                                                                                       |          |       |
|------------------|----|--|-------------------------------------------------------------------------------------------------------|----------|-------|
| 08 12 16 00-0003 | EA |  | Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head..... | 2,868.89 | 59.67 |
| 08 12 16 00-0004 | EA |  | Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head..... | 2,868.89 | 59.67 |

|                  |    |  |                                                                                                                                    |          |       |
|------------------|----|--|------------------------------------------------------------------------------------------------------------------------------------|----------|-------|
| 08 12 16 00-0005 |    |  | <b>4-3/4" x 1-3/8" Two Piece Aluminum Door Frames</b> (08 12 16 00-0001)                                                           |          |       |
| 08 12 16 00-0006 | EA |  | Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....                            | 2,868.89 | 59.67 |
| 08 12 16 00-0007 | EA |  | Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head ..... | 2,868.89 | 59.67 |

08 13 Metal Doors (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors (08 13)

08 13 13 13 Standard Hollow Metal Doors (08 13 13)

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

|                  |    |  |                                                                                                           |        |       |
|------------------|----|--|-----------------------------------------------------------------------------------------------------------|--------|-------|
| 08 13 13 13-0001 |    |  | <b>20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors</b> (08 13 13 13)                  |        |       |
| 08 13 13 13-0002 |    |  | <b>6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors</b> (08 13 13 13-0001) |        |       |
| 08 13 13 13-0003 | EA |  | 2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....              | 632.57 | 59.67 |
|                  |    |  | For Galvanized Steel Door, Add                                                                            | 102.64 |       |
|                  |    |  | For Type 304 Stainless Steel Door, Add                                                                    | 410.57 |       |
|                  |    |  | For Type 316 Stainless Steel Door, Add                                                                    | 667.17 |       |
|                  |    |  | For Embossed Panel Door, Add                                                                              | 123.17 |       |
|                  |    |  | For Baked Enamel Finish, Add                                                                              | 171.87 |       |
|                  |    |  | For 20 Minute Fire Rated Door, Add                                                                        | 27.63  |       |
|                  |    |  | For 45 Minute Fire Rated Door, Add                                                                        | 41.40  |       |
|                  |    |  | For 60 Minute Fire Rated Door, Add                                                                        | 55.27  |       |
|                  |    |  | For 90 Minute Fire Rated Door, Add                                                                        | 93.38  |       |
|                  |    |  | For 3 Hour Fire Rated Door, Add                                                                           | 131.50 |       |
|                  |    |  | For >50 To 100, Deduct                                                                                    | -34.61 |       |
|                  |    |  | For >100, Deduct                                                                                          | -50.43 |       |
|                  |    |  | For Polystyrene Core, Add                                                                                 | 51.32  |       |
|                  |    |  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                                | 128.30 |       |
|                  |    |  | For Continuously Welded And Filled Vertical Edge Seam, Add                                                | 64.15  |       |
| 08 13 13 13-0004 | EA |  | 2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....           | 632.57 | 59.67 |
|                  |    |  | For Galvanized Steel Door, Add                                                                            | 102.64 |       |
|                  |    |  | For Type 304 Stainless Steel Door, Add                                                                    | 410.57 |       |
|                  |    |  | For Type 316 Stainless Steel Door, Add                                                                    | 667.17 |       |
|                  |    |  | For Embossed Panel Door, Add                                                                              | 123.17 |       |
|                  |    |  | For Baked Enamel Finish, Add                                                                              | 171.87 |       |
|                  |    |  | For 20 Minute Fire Rated Door, Add                                                                        | 27.63  |       |
|                  |    |  | For 45 Minute Fire Rated Door, Add                                                                        | 41.40  |       |
|                  |    |  | For 60 Minute Fire Rated Door, Add                                                                        | 55.27  |       |
|                  |    |  | For 90 Minute Fire Rated Door, Add                                                                        | 93.38  |       |
|                  |    |  | For 3 Hour Fire Rated Door, Add                                                                           | 131.50 |       |
|                  |    |  | For >50 To 100, Deduct                                                                                    | -34.61 |       |
|                  |    |  | For >100, Deduct                                                                                          | -50.43 |       |
|                  |    |  | For Polystyrene Core, Add                                                                                 | 51.32  |       |
|                  |    |  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                                | 128.30 |       |
|                  |    |  | For Continuously Welded And Filled Vertical Edge Seam, Add                                                | 64.15  |       |
| 08 13 13 13-0005 | EA |  | 2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....           | 648.48 | 62.39 |
|                  |    |  | For Galvanized Steel Door, Add                                                                            | 104.74 |       |
|                  |    |  | For Type 304 Stainless Steel Door, Add                                                                    | 418.97 |       |
|                  |    |  | For Type 316 Stainless Steel Door, Add                                                                    | 680.82 |       |
|                  |    |  | For Embossed Panel Door, Add                                                                              | 125.69 |       |
|                  |    |  | For Baked Enamel Finish, Add                                                                              | 175.83 |       |
|                  |    |  | For 20 Minute Fire Rated Door, Add                                                                        | 27.63  |       |
|                  |    |  | For 45 Minute Fire Rated Door, Add                                                                        | 41.40  |       |
|                  |    |  | For 60 Minute Fire Rated Door, Add                                                                        | 55.27  |       |
|                  |    |  | For 90 Minute Fire Rated Door, Add                                                                        | 93.38  |       |
|                  |    |  | For 3 Hour Fire Rated Door, Add                                                                           | 131.50 |       |
|                  |    |  | For >50 To 100, Deduct                                                                                    | -35.54 |       |
|                  |    |  | For >100, Deduct                                                                                          | -51.76 |       |
|                  |    |  | For Polystyrene Core, Add                                                                                 | 52.37  |       |
|                  |    |  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                                | 130.93 |       |
|                  |    |  | For Continuously Welded And Filled Vertical Edge Seam, Add                                                | 65.46  |       |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |     | DESCRIPTION                                                                                       | TOTAL DIRECT | DEMOLITION |
|------------------|-----|---------------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM |                                                                                                   | UNIT COST    | UNIT COST  |
| 08 13 13 13-0006 | EA  | 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....  | 656.29       | 62.39      |
|                  |     | For Galvanized Steel Door, Add                                                                    | 106.30       |            |
|                  |     | For Type 304 Stainless Steel Door, Add                                                            | 425.22       |            |
|                  |     | For Type 316 Stainless Steel Door, Add                                                            | 690.98       |            |
|                  |     | For Embossed Panel Door, Add                                                                      | 127.56       |            |
|                  |     | For Baked Enamel Finish, Add                                                                      | 178.17       |            |
|                  |     | For 20 Minute Fire Rated Door, Add                                                                | 27.63        |            |
|                  |     | For 45 Minute Fire Rated Door, Add                                                                | 41.40        |            |
|                  |     | For 60 Minute Fire Rated Door, Add                                                                | 55.27        |            |
|                  |     | For 90 Minute Fire Rated Door, Add                                                                | 93.38        |            |
|                  |     | For 3 Hour Fire Rated Door, Add                                                                   | 131.50       |            |
|                  |     | For >50 To 100, Deduct                                                                            | -35.93       |            |
|                  |     | For >100, Deduct                                                                                  | -52.34       |            |
|                  |     | For Polystyrene Core, Add                                                                         | 53.15        |            |
|                  |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                        | 132.88       |            |
|                  |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                        | 66.44        |            |
| 08 13 13 13-0007 | EA  | 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door ..... | 662.14       | 63.74      |
|                  |     | For Galvanized Steel Door, Add                                                                    | 106.93       |            |
|                  |     | For Type 304 Stainless Steel Door, Add                                                            | 427.72       |            |
|                  |     | For Type 316 Stainless Steel Door, Add                                                            | 695.05       |            |
|                  |     | For Embossed Panel Door, Add                                                                      | 128.32       |            |
|                  |     | For Baked Enamel Finish, Add                                                                      | 179.52       |            |
|                  |     | For 20 Minute Fire Rated Door, Add                                                                | 27.63        |            |
|                  |     | For 45 Minute Fire Rated Door, Add                                                                | 41.40        |            |
|                  |     | For 60 Minute Fire Rated Door, Add                                                                | 55.27        |            |
|                  |     | For 90 Minute Fire Rated Door, Add                                                                | 93.38        |            |
|                  |     | For 3 Hour Fire Rated Door, Add                                                                   | 131.50       |            |
|                  |     | For >50 To 100, Deduct                                                                            | -36.29       |            |
|                  |     | For >100, Deduct                                                                                  | -52.65       |            |
|                  |     | For Polystyrene Core, Add                                                                         | 53.47        |            |
|                  |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                        | 133.66       |            |
|                  |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                        | 66.83        |            |
| 08 13 13 13-0008 | EA  | 3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....     | 667.98       | 65.10      |
|                  |     | For Galvanized Steel Door, Add                                                                    | 107.56       |            |
|                  |     | For Type 304 Stainless Steel Door, Add                                                            | 430.22       |            |
|                  |     | For Type 316 Stainless Steel Door, Add                                                            | 699.11       |            |
|                  |     | For Embossed Panel Door, Add                                                                      | 129.07       |            |
|                  |     | For Baked Enamel Finish, Add                                                                      | 180.86       |            |
|                  |     | For 20 Minute Fire Rated Door, Add                                                                | 27.63        |            |
|                  |     | For 45 Minute Fire Rated Door, Add                                                                | 41.40        |            |
|                  |     | For 60 Minute Fire Rated Door, Add                                                                | 55.27        |            |
|                  |     | For 90 Minute Fire Rated Door, Add                                                                | 93.38        |            |
|                  |     | For 3 Hour Fire Rated Door, Add                                                                   | 131.50       |            |
|                  |     | For >50 To 100, Deduct                                                                            | -36.65       |            |
|                  |     | For >100, Deduct                                                                                  | -53.35       |            |
|                  |     | For Polystyrene Core, Add                                                                         | 53.78        |            |
|                  |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                        | 134.45       |            |
|                  |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                        | 67.22        |            |
| 08 13 13 13-0009 | EA  | 3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....  | 708.62       | 65.10      |
|                  |     | For Galvanized Steel Door, Add                                                                    | 115.68       |            |
|                  |     | For Type 304 Stainless Steel Door, Add                                                            | 462.74       |            |
|                  |     | For Type 316 Stainless Steel Door, Add                                                            | 751.95       |            |
|                  |     | For Embossed Panel Door, Add                                                                      | 138.82       |            |
|                  |     | For Baked Enamel Finish, Add                                                                      | 193.06       |            |
|                  |     | For 20 Minute Fire Rated Door, Add                                                                | 27.63        |            |
|                  |     | For 45 Minute Fire Rated Door, Add                                                                | 41.40        |            |
|                  |     | For 60 Minute Fire Rated Door, Add                                                                | 55.27        |            |
|                  |     | For 90 Minute Fire Rated Door, Add                                                                | 93.38        |            |
|                  |     | For 3 Hour Fire Rated Door, Add                                                                   | 131.50       |            |
|                  |     | For >50 To 100, Deduct                                                                            | -38.69       |            |
|                  |     | For >100, Deduct                                                                                  | -56.40       |            |
|                  |     | For Polystyrene Core, Add                                                                         | 57.84        |            |
|                  |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                        | 144.61       |            |
|                  |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                        | 72.30        |            |
| 08 13 13 13-0010 | EA  | 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....  | 729.68       | 67.81      |
|                  |     | For Galvanized Steel Door, Add                                                                    | 118.81       |            |
|                  |     | For Type 304 Stainless Steel Door, Add                                                            | 475.24       |            |
|                  |     | For Type 316 Stainless Steel Door, Add                                                            | 772.27       |            |
|                  |     | For Embossed Panel Door, Add                                                                      | 142.57       |            |
|                  |     | For Baked Enamel Finish, Add                                                                      | 198.56       |            |
|                  |     | For 20 Minute Fire Rated Door, Add                                                                | 27.63        |            |
|                  |     | For 45 Minute Fire Rated Door, Add                                                                | 41.40        |            |
|                  |     | For 60 Minute Fire Rated Door, Add                                                                | 55.27        |            |
|                  |     | For 90 Minute Fire Rated Door, Add                                                                | 93.38        |            |
|                  |     | For 3 Hour Fire Rated Door, Add                                                                   | 131.50       |            |
|                  |     | For >50 To 100, Deduct                                                                            | -39.87       |            |
|                  |     | For >100, Deduct                                                                                  | -58.12       |            |
|                  |     | For Polystyrene Core, Add                                                                         | 59.41        |            |
|                  |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                        | 148.51       |            |
|                  |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                        | 74.26        |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR    | CSI     | UOM | DESCRIPTION                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------|---------|-----|----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 13 13 | 13-0011 | EA  | 4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....      | 803.07                    | 73.24                   |
|          |         |     | For Galvanized Steel Door, Add                                                                     | 131.32                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                             | 525.27                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                             | 853.57                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                       | 157.58                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                       | 218.95                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                             | -43.82                    |                         |
|          |         |     | For >100, Deduct                                                                                   | -63.89                    |                         |
|          |         |     | For Polystyrene Core, Add                                                                          | 65.66                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 164.15                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 82.07                     |                         |
| 08 13 13 | 13-0012 |     | 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal<br>Doors (08 13 13 13-0001) |                           |                         |
| 08 13 13 | 13-0013 | EA  | 2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....         | 646.02                    | 59.67                   |
|          |         |     | For Galvanized Steel Door, Add                                                                     | 105.33                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                             | 421.33                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                             | 684.66                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                       | 126.40                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                       | 175.90                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                             | -35.29                    |                         |
|          |         |     | For >100, Deduct                                                                                   | -51.44                    |                         |
|          |         |     | For Polystyrene Core, Add                                                                          | 52.67                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 131.67                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 65.83                     |                         |
| 08 13 13 | 13-0014 | EA  | 2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....      | 646.02                    | 59.67                   |
|          |         |     | For Galvanized Steel Door, Add                                                                     | 105.33                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                             | 421.33                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                             | 684.66                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                       | 126.40                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                       | 175.90                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                             | -35.29                    |                         |
|          |         |     | For >100, Deduct                                                                                   | -51.44                    |                         |
|          |         |     | For Polystyrene Core, Add                                                                          | 52.67                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 131.67                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 65.83                     |                         |
| 08 13 13 | 13-0015 | EA  | 2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....      | 662.20                    | 62.39                   |
|          |         |     | For Galvanized Steel Door, Add                                                                     | 107.49                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                             | 429.94                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                             | 698.66                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                       | 128.98                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                       | 179.94                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                             | -36.23                    |                         |
|          |         |     | For >100, Deduct                                                                                   | -52.78                    |                         |
|          |         |     | For Polystyrene Core, Add                                                                          | 53.74                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 134.36                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 67.18                     |                         |
| 08 13 13 | 13-0016 | EA  | 2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....      | 670.22                    | 62.39                   |
|          |         |     | For Galvanized Steel Door, Add                                                                     | 109.09                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                             | 436.36                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                             | 709.09                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                       | 130.91                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                       | 182.35                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                             | -36.63                    |                         |
|          |         |     | For >100, Deduct                                                                                   | -53.39                    |                         |
|          |         |     | For Polystyrene Core, Add                                                                          | 54.55                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 136.36                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 68.18                     |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT                                                                                                                                           | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                        |            |
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT COST                                                                                                                                              | UNIT COST  |
| 08 13 13 13-0017 | EA 2'-10" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add | 676.15<br>109.73<br>438.93<br>713.26<br>131.68<br>183.72<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-36.99<br>53.90<br>54.87<br>137.17<br>68.58  | 63.74      |
| 08 13 13 13-0018 | EA 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add     | 682.06<br>110.37<br>441.49<br>717.42<br>132.45<br>185.09<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-37.36<br>-54.41<br>55.19<br>137.97<br>68.98 | 65.10      |
| 08 13 13 13-0019 | EA 3'-4" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add  | 723.78<br>118.72<br>474.86<br>771.65<br>142.46<br>197.60<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-39.44<br>-57.54<br>59.36<br>148.40<br>74.20 | 65.10      |
| 08 13 13 13-0020 | EA 3'-6" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add  | 745.25<br>121.92<br>487.70<br>792.51<br>146.31<br>203.23<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-40.65<br>-59.28<br>60.96<br>152.41<br>76.20 | 67.81      |
| 08 13 13 13-0021 | EA 4' x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add     | 820.27<br>134.76<br>539.03<br>875.93<br>161.71<br>224.11<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-44.68<br>-65.18<br>67.38<br>168.45<br>84.22 | 73.24      |
| 08 13 13 13-0022 | 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow<br>Metal Doors (08 13 13 13-0001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                     |        |       |
|------------------|-----------------------------------------------------------------------------------------------------|--------|-------|
| 08 13 13 13-0023 | EA 2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....     | 659.08 | 59.67 |
|                  | For Galvanized Steel Door, Add                                                                      | 107.94 |       |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 431.78 |       |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 701.64 |       |
|                  | For Embossed Panel Door, Add                                                                        | 129.53 |       |
|                  | For Baked Enamel Finish, Add                                                                        | 179.82 |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63  |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40  |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27  |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38  |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50 |       |
|                  | For >50 To 100, Deduct                                                                              | -35.94 |       |
|                  | For >100, Deduct                                                                                    | -52.42 |       |
|                  | For Polystyrene Core, Add                                                                           | 53.97  |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 134.93 |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 67.47  |       |
| 08 13 13 13-0024 | EA 2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....  | 659.08 | 59.67 |
|                  | For Galvanized Steel Door, Add                                                                      | 107.94 |       |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 431.78 |       |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 701.64 |       |
|                  | For Embossed Panel Door, Add                                                                        | 129.53 |       |
|                  | For Baked Enamel Finish, Add                                                                        | 179.82 |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63  |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40  |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27  |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38  |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50 |       |
|                  | For >50 To 100, Deduct                                                                              | -35.94 |       |
|                  | For >100, Deduct                                                                                    | -52.42 |       |
|                  | For Polystyrene Core, Add                                                                           | 53.97  |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 134.93 |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 67.47  |       |
| 08 13 13 13-0025 | EA 2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....  | 675.53 | 62.39 |
|                  | For Galvanized Steel Door, Add                                                                      | 110.15 |       |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 440.61 |       |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 715.99 |       |
|                  | For Embossed Panel Door, Add                                                                        | 132.18 |       |
|                  | For Baked Enamel Finish, Add                                                                        | 183.94 |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63  |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40  |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27  |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38  |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50 |       |
|                  | For >50 To 100, Deduct                                                                              | -36.90 |       |
|                  | For >100, Deduct                                                                                    | -53.78 |       |
|                  | For Polystyrene Core, Add                                                                           | 55.08  |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 137.69 |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 68.85  |       |
| 08 13 13 13-0026 | EA 2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....  | 683.75 | 62.39 |
|                  | For Galvanized Steel Door, Add                                                                      | 111.80 |       |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 447.18 |       |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 726.67 |       |
|                  | For Embossed Panel Door, Add                                                                        | 134.16 |       |
|                  | For Baked Enamel Finish, Add                                                                        | 186.41 |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63  |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40  |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27  |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38  |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50 |       |
|                  | For >50 To 100, Deduct                                                                              | -37.31 |       |
|                  | For >100, Deduct                                                                                    | -54.40 |       |
|                  | For Polystyrene Core, Add                                                                           | 55.90  |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 139.75 |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 69.87  |       |
| 08 13 13 13-0027 | EA 2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door..... | 689.75 | 63.74 |
|                  | For Galvanized Steel Door, Add                                                                      | 112.45 |       |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 449.81 |       |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 730.94 |       |
|                  | For Embossed Panel Door, Add                                                                        | 134.94 |       |
|                  | For Baked Enamel Finish, Add                                                                        | 187.80 |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63  |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40  |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27  |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38  |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50 |       |
|                  | For >50 To 100, Deduct                                                                              | -37.67 |       |
|                  | For >100, Deduct                                                                                    | -54.92 |       |
|                  | For Polystyrene Core, Add                                                                           | 56.23  |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 140.57 |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 70.28  |       |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Metal Doors      | 08 13 |    |

| MINOR            |                                                                                                     | TOTAL DIRECT |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                     | UNIT COST    |  | UNIT COST  |
| 08 13 13 13-0028 | EA 3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....    | 695.75       |  | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                      | 113.11       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 452.44       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 735.22       |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 135.73       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 189.20       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -38.04       |  |            |
|                  | For >100, Deduct                                                                                    | -55.44       |  |            |
|                  | For Polystyrene Core, Add                                                                           | 56.56        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 141.39       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 70.69        |  |            |
| 08 13 13 13-0029 | EA 3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door ..... | 738.50       |  | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                      | 121.66       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 486.64       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 790.79       |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 145.99       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 202.02       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -40.18       |  |            |
|                  | For >100, Deduct                                                                                    | -58.64       |  |            |
|                  | For Polystyrene Core, Add                                                                           | 60.83        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 152.08       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 76.04        |  |            |
| 08 13 13 13-0030 | EA 3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door ..... | 760.37       |  | 67.81      |
|                  | For Galvanized Steel Door, Add                                                                      | 124.95       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 499.79       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 812.16       |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 149.94       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 207.77       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -41.41       |  |            |
|                  | For >100, Deduct                                                                                    | -60.42       |  |            |
|                  | For Polystyrene Core, Add                                                                           | 62.47        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 156.19       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 78.09        |  |            |
| 08 13 13 13-0031 | EA 4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....    | 836.98       |  | 73.24      |
|                  | For Galvanized Steel Door, Add                                                                      | 138.10       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 552.40       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 897.65       |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 165.72       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 229.12       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -45.51       |  |            |
|                  | For >100, Deduct                                                                                    | -66.44       |  |            |
|                  | For Polystyrene Core, Add                                                                           | 69.05        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 172.63       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 86.31        |  |            |
| 08 13 13 13-0032 | 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13                          |              |  |            |
| 08 13 13 13-0033 | 6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)     |              |  |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR    | CSI     | UOM | DESCRIPTION                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------|---------|-----|-----------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 13 13 | 13-0034 | EA  | 2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....    | 674.09                    | 59.67                   |
|          |         |     | For Galvanized Steel Door, Add                                                                | 110.95                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                        | 443.78                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                        | 721.15                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                  | 133.14                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                  | 184.32                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                            | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                            | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                            | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                            | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                               | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                        | -36.69                    |                         |
|          |         |     | For >100, Deduct                                                                              | -53.54                    |                         |
|          |         |     | For 2" Thick Door, Add                                                                        | 43.20                     |                         |
|          |         |     | For Polystyrene Core, Add                                                                     | 55.47                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                    | 138.68                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                    | 69.34                     |                         |
|          |         |     | For Steel Stiffened, Add                                                                      | 138.68                    |                         |
| 08 13 13 | 13-0035 | EA  | 2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 674.09                    | 59.67                   |
|          |         |     | For Galvanized Steel Door, Add                                                                | 110.95                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                        | 443.78                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                        | 721.15                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                  | 133.14                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                  | 184.32                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                            | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                            | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                            | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                            | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                               | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                        | -36.69                    |                         |
|          |         |     | For >100, Deduct                                                                              | -53.54                    |                         |
|          |         |     | For 2" Thick Door, Add                                                                        | 43.20                     |                         |
|          |         |     | For Polystyrene Core, Add                                                                     | 55.47                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                    | 138.68                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                    | 69.34                     |                         |
|          |         |     | For Steel Stiffened, Add                                                                      | 138.68                    |                         |
| 08 13 13 | 13-0036 | EA  | 2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 690.84                    | 62.39                   |
|          |         |     | For Galvanized Steel Door, Add                                                                | 113.21                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                        | 452.86                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                        | 735.89                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                  | 135.86                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                  | 188.54                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                            | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                            | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                            | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                            | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                               | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                        | -37.66                    |                         |
|          |         |     | For >100, Deduct                                                                              | -54.93                    |                         |
|          |         |     | For 2" Thick Door, Add                                                                        | 44.16                     |                         |
|          |         |     | For Polystyrene Core, Add                                                                     | 56.61                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                    | 141.52                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                    | 70.76                     |                         |
|          |         |     | For Steel Stiffened, Add                                                                      | 141.52                    |                         |
| 08 13 13 | 13-0037 | EA  | 2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 699.29                    | 62.39                   |
|          |         |     | For Galvanized Steel Door, Add                                                                | 114.90                    |                         |
|          |         |     | For Type 304 Stainless Steel Door, Add                                                        | 459.62                    |                         |
|          |         |     | For Type 316 Stainless Steel Door, Add                                                        | 746.88                    |                         |
|          |         |     | For Embossed Panel Door, Add                                                                  | 137.88                    |                         |
|          |         |     | For Baked Enamel Finish, Add                                                                  | 191.07                    |                         |
|          |         |     | For 20 Minute Fire Rated Door, Add                                                            | 27.63                     |                         |
|          |         |     | For 45 Minute Fire Rated Door, Add                                                            | 41.40                     |                         |
|          |         |     | For 60 Minute Fire Rated Door, Add                                                            | 55.27                     |                         |
|          |         |     | For 90 Minute Fire Rated Door, Add                                                            | 93.38                     |                         |
|          |         |     | For 3 Hour Fire Rated Door, Add                                                               | 131.50                    |                         |
|          |         |     | For >50 To 100, Deduct                                                                        | -38.08                    |                         |
|          |         |     | For >100, Deduct                                                                              | -55.57                    |                         |
|          |         |     | For 2" Thick Door, Add                                                                        | 44.77                     |                         |
|          |         |     | For Polystyrene Core, Add                                                                     | 57.45                     |                         |
|          |         |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                    | 143.63                    |                         |
|          |         |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                    | 71.82                     |                         |
|          |         |     | For Steel Stiffened, Add                                                                      | 143.63                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                  | TOTAL DIRECT |           | DEMOLITION |
|------------------|--------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                  | UNIT COST    | UNIT COST | UNIT COST  |
| 08 13 13 13-0038 | EA 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door..... | 705.38       |           | 63.74      |
|                  | For Galvanized Steel Door, Add                                                                   | 115.58       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           | 462.31       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           | 751.26       |           |            |
|                  | For Embossed Panel Door, Add                                                                     | 138.69       |           |            |
|                  | For Baked Enamel Finish, Add                                                                     | 192.49       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                           | -38.46       |           |            |
|                  | For >100, Deduct                                                                                 | -56.09       |           |            |
|                  | For 2" Thick Door, Add                                                                           | 45.08        |           |            |
|                  | For Polystyrene Core, Add                                                                        | 57.79        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       | 144.47       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       | 72.24        |           |            |
|                  | For Steel Stiffened, Add                                                                         | 144.47       |           |            |
| 08 13 13 13-0039 | EA 3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....     | 711.48       |           | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                   | 116.26       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           | 465.02       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           | 755.66       |           |            |
|                  | For Embossed Panel Door, Add                                                                     | 139.51       |           |            |
|                  | For Baked Enamel Finish, Add                                                                     | 193.91       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                           | -38.83       |           |            |
|                  | For >100, Deduct                                                                                 | -56.62       |           |            |
|                  | For 2" Thick Door, Add                                                                           | 45.40        |           |            |
|                  | For Polystyrene Core, Add                                                                        | 58.13        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       | 145.32       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       | 72.66        |           |            |
|                  | For Steel Stiffened, Add                                                                         | 145.32       |           |            |
| 08 13 13 13-0040 | EA 3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 755.42       |           | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                   | 125.04       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           | 500.18       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           | 812.79       |           |            |
|                  | For Embossed Panel Door, Add                                                                     | 150.05       |           |            |
|                  | For Baked Enamel Finish, Add                                                                     | 207.10       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                           | -41.03       |           |            |
|                  | For >100, Deduct                                                                                 | -59.91       |           |            |
|                  | For 2" Thick Door, Add                                                                           | 48.58        |           |            |
|                  | For Polystyrene Core, Add                                                                        | 62.52        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       | 156.31       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       | 78.15        |           |            |
|                  | For Steel Stiffened, Add                                                                         | 156.31       |           |            |
| 08 13 13 13-0041 | EA 3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 777.74       |           | 67.81      |
|                  | For Galvanized Steel Door, Add                                                                   | 128.42       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           | 513.69       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           | 834.74       |           |            |
|                  | For Embossed Panel Door, Add                                                                     | 154.11       |           |            |
|                  | For Baked Enamel Finish, Add                                                                     | 212.98       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                           | -42.28       |           |            |
|                  | For >100, Deduct                                                                                 | -61.72       |           |            |
|                  | For 2" Thick Door, Add                                                                           | 49.94        |           |            |
|                  | For Polystyrene Core, Add                                                                        | 64.21        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       | 160.53       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       | 80.26        |           |            |
|                  | For Steel Stiffened, Add                                                                         | 160.53       |           |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                      |        |       |
|------------------|----|--------------------------------------------------------------------------------------|--------|-------|
| 08 13 13 13-0042 | EA | 4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 856.18 | 73.24 |
|                  |    | For Galvanized Steel Door, Add                                                       | 141.94 |       |
|                  |    | For Type 304 Stainless Steel Door, Add                                               | 567.76 |       |
|                  |    | For Type 316 Stainless Steel Door, Add                                               | 922.61 |       |
|                  |    | For Embossed Panel Door, Add                                                         | 170.33 |       |
|                  |    | For Baked Enamel Finish, Add                                                         | 234.88 |       |
|                  |    | For 20 Minute Fire Rated Door, Add                                                   | 27.63  |       |
|                  |    | For 45 Minute Fire Rated Door, Add                                                   | 41.40  |       |
|                  |    | For 60 Minute Fire Rated Door, Add                                                   | 55.27  |       |
|                  |    | For 90 Minute Fire Rated Door, Add                                                   | 93.38  |       |
|                  |    | For 3 Hour Fire Rated Door, Add                                                      | 131.50 |       |
|                  |    | For >50 To 100, Deduct                                                               | -46.47 |       |
|                  |    | For >100, Deduct                                                                     | -67.88 |       |
|                  |    | For 2" Thick Door, Add                                                               | 55.12  |       |
|                  |    | For Polystyrene Core, Add                                                            | 70.97  |       |
|                  |    | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                           | 177.43 |       |
|                  |    | For Continuously Welded And Filled Vertical Edge Seam, Add                           | 88.71  |       |
|                  |    | For Steel Stiffened, Add                                                             | 177.43 |       |

**08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors**

|                  |    |                                                                                      |        |       |
|------------------|----|--------------------------------------------------------------------------------------|--------|-------|
| 08 13 13 13-0044 | EA | 2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door    | 687.25 | 59.67 |
|                  |    | For Galvanized Steel Door, Add                                                       | 113.58 |       |
|                  |    | For Type 304 Stainless Steel Door, Add                                               | 454.31 |       |
|                  |    | For Type 316 Stainless Steel Door, Add                                               | 738.26 |       |
|                  |    | For Embossed Panel Door, Add                                                         | 136.29 |       |
|                  |    | For Baked Enamel Finish, Add                                                         | 188.27 |       |
|                  |    | For 20 Minute Fire Rated Door, Add                                                   | 27.63  |       |
|                  |    | For 45 Minute Fire Rated Door, Add                                                   | 41.40  |       |
|                  |    | For 60 Minute Fire Rated Door, Add                                                   | 55.27  |       |
|                  |    | For 90 Minute Fire Rated Door, Add                                                   | 93.38  |       |
|                  |    | For 3 Hour Fire Rated Door, Add                                                      | 131.50 |       |
|                  |    | For >50 To 100, Deduct                                                               | -37.35 |       |
|                  |    | For >100, Deduct                                                                     | -54.53 |       |
|                  |    | For 2" Thick Door, Add                                                               | 44.16  |       |
|                  |    | For Polystyrene Core, Add                                                            | 56.79  |       |
|                  |    | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                           | 141.97 |       |
|                  |    | For Continuously Welded And Filled Vertical Edge Seam, Add                           | 70.99  |       |
|                  |    | For Steel Stiffened, Add                                                             | 141.97 |       |
| 08 13 13 13-0045 | EA | 2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 687.25 | 59.67 |
|                  |    | For Galvanized Steel Door, Add                                                       | 113.58 |       |
|                  |    | For Type 304 Stainless Steel Door, Add                                               | 454.31 |       |
|                  |    | For Type 316 Stainless Steel Door, Add                                               | 738.26 |       |
|                  |    | For Embossed Panel Door, Add                                                         | 136.29 |       |
|                  |    | For Baked Enamel Finish, Add                                                         | 188.27 |       |
|                  |    | For 20 Minute Fire Rated Door, Add                                                   | 27.63  |       |
|                  |    | For 45 Minute Fire Rated Door, Add                                                   | 41.40  |       |
|                  |    | For 60 Minute Fire Rated Door, Add                                                   | 55.27  |       |
|                  |    | For 90 Minute Fire Rated Door, Add                                                   | 93.38  |       |
|                  |    | For 3 Hour Fire Rated Door, Add                                                      | 131.50 |       |
|                  |    | For >50 To 100, Deduct                                                               | -37.35 |       |
|                  |    | For >100, Deduct                                                                     | -54.53 |       |
|                  |    | For 2" Thick Door, Add                                                               | 44.16  |       |
|                  |    | For Polystyrene Core, Add                                                            | 56.79  |       |
|                  |    | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                           | 141.97 |       |
|                  |    | For Continuously Welded And Filled Vertical Edge Seam, Add                           | 70.99  |       |
|                  |    | For Steel Stiffened, Add                                                             | 141.97 |       |
| 08 13 13 13-0046 | EA | 2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door | 704.28 | 62.39 |
|                  |    | For Galvanized Steel Door, Add                                                       | 115.90 |       |
|                  |    | For Type 304 Stainless Steel Door, Add                                               | 463.61 |       |
|                  |    | For Type 316 Stainless Steel Door, Add                                               | 753.36 |       |
|                  |    | For Embossed Panel Door, Add                                                         | 139.08 |       |
|                  |    | For Baked Enamel Finish, Add                                                         | 192.57 |       |
|                  |    | For 20 Minute Fire Rated Door, Add                                                   | 27.63  |       |
|                  |    | For 45 Minute Fire Rated Door, Add                                                   | 41.40  |       |
|                  |    | For 60 Minute Fire Rated Door, Add                                                   | 55.27  |       |
|                  |    | For 90 Minute Fire Rated Door, Add                                                   | 93.38  |       |
|                  |    | For 3 Hour Fire Rated Door, Add                                                      | 131.50 |       |
|                  |    | For >50 To 100, Deduct                                                               | -38.33 |       |
|                  |    | For >100, Deduct                                                                     | -55.94 |       |
|                  |    | For 2" Thick Door, Add                                                               | 45.13  |       |
|                  |    | For Polystyrene Core, Add                                                            | 57.95  |       |
|                  |    | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                           | 144.88 |       |
|                  |    | For Continuously Welded And Filled Vertical Edge Seam, Add                           | 72.44  |       |
|                  |    | For Steel Stiffened, Add                                                             | 144.88 |       |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                | TOTAL DIRECT |        | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI              | UOM DESCRIPTION                                                                                | UNIT         | COST   |            |
| 08 13 13 13-0047 | EA 2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....  |              | 712.93 | 62.39      |
|                  | For Galvanized Steel Door, Add                                                                 |              | 117.63 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                         |              | 470.53 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                         |              | 764.61 |            |
|                  | For Embossed Panel Door, Add                                                                   |              | 141.16 |            |
|                  | For Baked Enamel Finish, Add                                                                   |              | 195.16 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                             |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                             |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                             |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                             |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                         |              | -38.77 |            |
|                  | For >100, Deduct                                                                               |              | -56.59 |            |
|                  | For 2" Thick Door, Add                                                                         |              | 45.76  |            |
|                  | For Polystyrene Core, Add                                                                      |              | 58.82  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     |              | 147.04 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     |              | 73.52  |            |
|                  | For Steel Stiffened, Add                                                                       |              | 147.04 |            |
| 08 13 13 13-0048 | EA 2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door ..... |              | 719.11 | 63.74      |
|                  | For Galvanized Steel Door, Add                                                                 |              | 118.32 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                         |              | 473.30 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                         |              | 769.11 |            |
|                  | For Embossed Panel Door, Add                                                                   |              | 141.99 |            |
|                  | For Baked Enamel Finish, Add                                                                   |              | 196.61 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                             |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                             |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                             |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                             |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                         |              | -39.14 |            |
|                  | For >100, Deduct                                                                               |              | -57.12 |            |
|                  | For 2" Thick Door, Add                                                                         |              | 46.08  |            |
|                  | For Polystyrene Core, Add                                                                      |              | 59.16  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     |              | 147.91 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     |              | 73.95  |            |
|                  | For Steel Stiffened, Add                                                                       |              | 147.91 |            |
| 08 13 13 13-0049 | EA 3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....     |              | 725.27 | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                 |              | 119.01 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                         |              | 476.06 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                         |              | 773.59 |            |
|                  | For Embossed Panel Door, Add                                                                   |              | 142.82 |            |
|                  | For Baked Enamel Finish, Add                                                                   |              | 198.05 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                             |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                             |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                             |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                             |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                         |              | -39.52 |            |
|                  | For >100, Deduct                                                                               |              | -57.65 |            |
|                  | For 2" Thick Door, Add                                                                         |              | 46.40  |            |
|                  | For Polystyrene Core, Add                                                                      |              | 59.51  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     |              | 148.77 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     |              | 74.38  |            |
|                  | For Steel Stiffened, Add                                                                       |              | 148.77 |            |
| 08 13 13 13-0050 | EA 3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....  |              | 770.25 | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                 |              | 128.01 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                         |              | 512.04 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                         |              | 832.07 |            |
|                  | For Embossed Panel Door, Add                                                                   |              | 153.61 |            |
|                  | For Baked Enamel Finish, Add                                                                   |              | 211.55 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                             |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                             |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                             |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                             |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                         |              | -41.77 |            |
|                  | For >100, Deduct                                                                               |              | -61.02 |            |
|                  | For 2" Thick Door, Add                                                                         |              | 49.66  |            |
|                  | For Polystyrene Core, Add                                                                      |              | 64.01  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     |              | 160.01 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     |              | 80.01  |            |
|                  | For Steel Stiffened, Add                                                                       |              | 160.01 |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                        | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 13 13 13-0051 | EA  |     | 3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....         | 792.98                    | 67.81                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                     | 131.47                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                             | 525.88                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                             | 854.56                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                       | 157.76                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                       | 217.55                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                             | -43.04                    |                         |
|                  |     |     | For >100, Deduct                                                                                   | -62.86                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                             | 51.05                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                          | 65.74                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 164.34                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 82.17                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                           | 164.34                    |                         |
| 08 13 13 13-0052 | EA  |     | 4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....            | 873.03                    | 73.24                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                     | 145.31                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                             | 581.24                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                             | 944.52                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                       | 174.37                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                       | 239.94                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                             | -47.31                    |                         |
|                  |     |     | For >100, Deduct                                                                                   | -69.14                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                             | 56.34                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                          | 72.66                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 181.64                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 90.82                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                           | 181.64                    |                         |
| 08 13 13 13-0053 |     |     | 7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal<br>Doors (08 13 13 13-0032) |                           |                         |
| 08 13 13 13-0054 | EA  |     | 2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....         | 700.42                    | 59.67                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                     | 116.21                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                             | 464.85                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                             | 755.38                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                       | 139.45                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                       | 192.22                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                             | -38.01                    |                         |
|                  |     |     | For >100, Deduct                                                                                   | -55.52                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                             | 45.11                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                          | 58.11                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 145.27                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 72.63                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                           | 145.27                    |                         |
| 08 13 13 13-0055 | EA  |     | 2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....      | 700.42                    | 59.67                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                     | 116.21                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                             | 464.85                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                             | 755.38                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                       | 139.45                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                       | 192.22                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                 | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                 | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                 | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                 | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                    | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                             | -38.01                    |                         |
|                  |     |     | For >100, Deduct                                                                                   | -55.52                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                             | 45.11                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                          | 58.11                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                         | 145.27                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                         | 72.63                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                           | 145.27                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                  | TOTAL DIRECT |        | DEMOLITION |
|------------------|--------------------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI              | UOM DESCRIPTION                                                                                  | UNIT         | COST   | UNIT COST  |
| 08 13 13 13-0056 | EA 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....  |              | 717.71 | 62.39      |
|                  | For Galvanized Steel Door, Add                                                                   |              | 118.59 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           |              | 474.35 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           |              | 770.82 |            |
|                  | For Embossed Panel Door, Add                                                                     |              | 142.31 |            |
|                  | For Baked Enamel Finish, Add                                                                     |              | 196.60 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                           |              | -39.00 |            |
|                  | For >100, Deduct                                                                                 |              | -56.95 |            |
|                  | For 2" Thick Door, Add                                                                           |              | 46.11  |            |
|                  | For Polystyrene Core, Add                                                                        |              | 59.29  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       |              | 148.24 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       |              | 74.12  |            |
|                  | For Steel Stiffened, Add                                                                         |              | 148.24 |            |
| 08 13 13 13-0057 | EA 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....  |              | 726.56 | 62.39      |
|                  | For Galvanized Steel Door, Add                                                                   |              | 120.36 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           |              | 481.43 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           |              | 782.33 |            |
|                  | For Embossed Panel Door, Add                                                                     |              | 144.43 |            |
|                  | For Baked Enamel Finish, Add                                                                     |              | 199.25 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                           |              | -39.45 |            |
|                  | For >100, Deduct                                                                                 |              | -57.61 |            |
|                  | For 2" Thick Door, Add                                                                           |              | 46.75  |            |
|                  | For Polystyrene Core, Add                                                                        |              | 60.18  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       |              | 150.45 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       |              | 75.22  |            |
|                  | For Steel Stiffened, Add                                                                         |              | 150.45 |            |
| 08 13 13 13-0058 | EA 2'-10" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door..... |              | 732.83 | 63.74      |
|                  | For Galvanized Steel Door, Add                                                                   |              | 121.07 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           |              | 484.27 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           |              | 786.94 |            |
|                  | For Embossed Panel Door, Add                                                                     |              | 145.28 |            |
|                  | For Baked Enamel Finish, Add                                                                     |              | 200.73 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                           |              | -39.83 |            |
|                  | For >100, Deduct                                                                                 |              | -58.15 |            |
|                  | For 2" Thick Door, Add                                                                           |              | 47.07  |            |
|                  | For Polystyrene Core, Add                                                                        |              | 60.53  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       |              | 151.34 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       |              | 75.67  |            |
|                  | For Steel Stiffened, Add                                                                         |              | 151.34 |            |
| 08 13 13 13-0059 | EA 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....     |              | 739.07 | 65.10      |
|                  | For Galvanized Steel Door, Add                                                                   |              | 121.77 |            |
|                  | For Type 304 Stainless Steel Door, Add                                                           |              | 487.10 |            |
|                  | For Type 316 Stainless Steel Door, Add                                                           |              | 791.53 |            |
|                  | For Embossed Panel Door, Add                                                                     |              | 146.13 |            |
|                  | For Baked Enamel Finish, Add                                                                     |              | 202.19 |            |
|                  | For 20 Minute Fire Rated Door, Add                                                               |              | 27.63  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                               |              | 41.40  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                               |              | 55.27  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                               |              | 93.38  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                  |              | 131.50 |            |
|                  | For >50 To 100, Deduct                                                                           |              | -40.21 |            |
|                  | For >100, Deduct                                                                                 |              | -58.69 |            |
|                  | For 2" Thick Door, Add                                                                           |              | 47.40  |            |
|                  | For Polystyrene Core, Add                                                                        |              | 60.89  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                       |              | 152.22 |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                       |              | 76.11  |            |
|                  | For Steel Stiffened, Add                                                                         |              | 152.22 |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 13 13 13-0060 | EA  |     | 3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....   | 785.09                    | 65.10                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                  | 130.98                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                          | 523.91                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                          | 851.36                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                    | 157.17                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                    | 216.00                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                              | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                              | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                              | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                              | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                 | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -42.51                    |                         |
|                  |     |     | For >100, Deduct                                                                                | -62.14                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                          | 50.73                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                       | 65.49                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                      | 163.72                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                      | 81.86                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                        | 163.72                    |                         |
| 08 13 13 13-0061 | EA  |     | 3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....   | 808.22                    | 67.81                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                  | 134.52                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                          | 538.07                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                          | 874.37                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                    | 161.42                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                    | 222.12                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                              | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                              | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                              | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                              | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                 | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -43.80                    |                         |
|                  |     |     | For >100, Deduct                                                                                | -64.01                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                          | 52.15                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                       | 67.26                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                      | 168.15                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                      | 84.07                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                        | 168.15                    |                         |
| 08 13 13 13-0062 | EA  |     | 4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....      | 889.87                    | 73.24                   |
|                  |     |     | For Galvanized Steel Door, Add                                                                  | 148.68                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                          | 594.71                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                          | 966.41                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                    | 178.41                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                    | 244.99                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                              | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                              | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                              | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                              | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                 | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -48.16                    |                         |
|                  |     |     | For >100, Deduct                                                                                | -70.40                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                          | 57.56                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                       | 74.34                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                      | 185.85                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                      | 92.92                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                        | 185.85                    |                         |
| 08 13 13 13-0063 |     |     | 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal<br>Doors (08 13 13 13-0032) |                           |                         |
| 08 13 13 13-0064 | EA  |     | 2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....         | 809.02                    | 59.67                   |
|                  |     |     | For Up To 1' Extra Height, Add                                                                  | 190.83                    |                         |
|                  |     |     | For 1' To 1'-6" Extra Height, Add                                                               | 364.07                    |                         |
|                  |     |     | For Galvanized Steel Door, Add                                                                  | 137.93                    |                         |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                          | 551.73                    |                         |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                          | 896.56                    |                         |
|                  |     |     | For Embossed Panel Door, Add                                                                    | 165.52                    |                         |
|                  |     |     | For Baked Enamel Finish, Add                                                                    | 224.80                    |                         |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                              | 27.63                     |                         |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                              | 41.40                     |                         |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                              | 55.27                     |                         |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                              | 93.38                     |                         |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                 | 131.50                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                          | -43.44                    |                         |
|                  |     |     | For >100, Deduct                                                                                | -63.66                    |                         |
|                  |     |     | For 2" Thick Door, Add                                                                          | 52.98                     |                         |
|                  |     |     | For Polystyrene Core, Add                                                                       | 68.97                     |                         |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                      | 172.42                    |                         |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                      | 86.21                     |                         |
|                  |     |     | For Steel Stiffened, Add                                                                        | 172.42                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                | TOTAL DIRECT |  | DEMOLITION |  |
|------------------|------------------------------------------------------------------------------------------------|--------------|--|------------|--|
| CSI              | UOM DESCRIPTION                                                                                | UNIT COST    |  | UNIT COST  |  |
| 08 13 13 13-0065 | EA 2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 809.02       |  | 59.67      |  |
|                  | For Up To 1' Extra Height, Add                                                                 | 190.83       |  |            |  |
|                  | For 1' To 1'-6" Extra Height, Add                                                              | 364.07       |  |            |  |
|                  | For Galvanized Steel Door, Add                                                                 | 137.93       |  |            |  |
|                  | For Type 304 Stainless Steel Door, Add                                                         | 551.73       |  |            |  |
|                  | For Type 316 Stainless Steel Door, Add                                                         | 896.56       |  |            |  |
|                  | For Embossed Panel Door, Add                                                                   | 165.52       |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                   | 224.80       |  |            |  |
|                  | For 20 Minute Fire Rated Door, Add                                                             | 27.63        |  |            |  |
|                  | For 45 Minute Fire Rated Door, Add                                                             | 41.40        |  |            |  |
|                  | For 60 Minute Fire Rated Door, Add                                                             | 55.27        |  |            |  |
|                  | For 90 Minute Fire Rated Door, Add                                                             | 93.38        |  |            |  |
|                  | For 3 Hour Fire Rated Door, Add                                                                | 131.50       |  |            |  |
|                  | For >50 To 100, Deduct                                                                         | -43.44       |  |            |  |
|                  | For >100, Deduct                                                                               | -63.66       |  |            |  |
|                  | For 2" Thick Door, Add                                                                         | 52.98        |  |            |  |
|                  | For Polystyrene Core, Add                                                                      | 68.97        |  |            |  |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     | 172.42       |  |            |  |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     | 86.21        |  |            |  |
|                  | For Steel Stiffened, Add                                                                       | 172.42       |  |            |  |
| 08 13 13 13-0066 | EA 2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 828.53       |  | 62.39      |  |
|                  | For Up To 1' Extra Height, Add                                                                 | 194.73       |  |            |  |
|                  | For 1' To 1'-6" Extra Height, Add                                                              | 371.51       |  |            |  |
|                  | For Galvanized Steel Door, Add                                                                 | 140.75       |  |            |  |
|                  | For Type 304 Stainless Steel Door, Add                                                         | 563.01       |  |            |  |
|                  | For Type 316 Stainless Steel Door, Add                                                         | 914.89       |  |            |  |
|                  | For Embossed Panel Door, Add                                                                   | 168.90       |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                   | 229.84       |  |            |  |
|                  | For 20 Minute Fire Rated Door, Add                                                             | 27.63        |  |            |  |
|                  | For 45 Minute Fire Rated Door, Add                                                             | 41.40        |  |            |  |
|                  | For 60 Minute Fire Rated Door, Add                                                             | 55.27        |  |            |  |
|                  | For 90 Minute Fire Rated Door, Add                                                             | 93.38        |  |            |  |
|                  | For 3 Hour Fire Rated Door, Add                                                                | 131.50       |  |            |  |
|                  | For >50 To 100, Deduct                                                                         | -44.55       |  |            |  |
|                  | For >100, Deduct                                                                               | -65.26       |  |            |  |
|                  | For 2" Thick Door, Add                                                                         | 54.14        |  |            |  |
|                  | For Polystyrene Core, Add                                                                      | 70.38        |  |            |  |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     | 175.94       |  |            |  |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     | 87.97        |  |            |  |
|                  | For Steel Stiffened, Add                                                                       | 175.94       |  |            |  |
| 08 13 13 13-0067 | EA 2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 839.04       |  | 62.39      |  |
|                  | For Up To 1' Extra Height, Add                                                                 | 197.64       |  |            |  |
|                  | For 1' To 1'-6" Extra Height, Add                                                              | 377.06       |  |            |  |
|                  | For Galvanized Steel Door, Add                                                                 | 142.85       |  |            |  |
|                  | For Type 304 Stainless Steel Door, Add                                                         | 571.42       |  |            |  |
|                  | For Type 316 Stainless Steel Door, Add                                                         | 928.55       |  |            |  |
|                  | For Embossed Panel Door, Add                                                                   | 171.42       |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                   | 233.00       |  |            |  |
|                  | For 20 Minute Fire Rated Door, Add                                                             | 27.63        |  |            |  |
|                  | For 45 Minute Fire Rated Door, Add                                                             | 41.40        |  |            |  |
|                  | For 60 Minute Fire Rated Door, Add                                                             | 55.27        |  |            |  |
|                  | For 90 Minute Fire Rated Door, Add                                                             | 93.38        |  |            |  |
|                  | For 3 Hour Fire Rated Door, Add                                                                | 131.50       |  |            |  |
|                  | For >50 To 100, Deduct                                                                         | -45.07       |  |            |  |
|                  | For >100, Deduct                                                                               | -66.05       |  |            |  |
|                  | For 2" Thick Door, Add                                                                         | 54.90        |  |            |  |
|                  | For Polystyrene Core, Add                                                                      | 71.43        |  |            |  |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     | 178.57       |  |            |  |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     | 89.28        |  |            |  |
|                  | For Steel Stiffened, Add                                                                       | 178.57       |  |            |  |
| 08 13 13 13-0068 | EA 2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 845.95       |  | 63.74      |  |
|                  | For Up To 1' Extra Height, Add                                                                 | 198.80       |  |            |  |
|                  | For 1' To 1'-6" Extra Height, Add                                                              | 379.28       |  |            |  |
|                  | For Galvanized Steel Door, Add                                                                 | 143.69       |  |            |  |
|                  | For Type 304 Stainless Steel Door, Add                                                         | 574.77       |  |            |  |
|                  | For Type 316 Stainless Steel Door, Add                                                         | 934.00       |  |            |  |
|                  | For Embossed Panel Door, Add                                                                   | 172.43       |  |            |  |
|                  | For Baked Enamel Finish, Add                                                                   | 234.66       |  |            |  |
|                  | For 20 Minute Fire Rated Door, Add                                                             | 27.63        |  |            |  |
|                  | For 45 Minute Fire Rated Door, Add                                                             | 41.40        |  |            |  |
|                  | For 60 Minute Fire Rated Door, Add                                                             | 55.27        |  |            |  |
|                  | For 90 Minute Fire Rated Door, Add                                                             | 93.38        |  |            |  |
|                  | For 3 Hour Fire Rated Door, Add                                                                | 131.50       |  |            |  |
|                  | For >50 To 100, Deduct                                                                         | -45.48       |  |            |  |
|                  | For >100, Deduct                                                                               | -66.63       |  |            |  |
|                  | For 2" Thick Door, Add                                                                         | 55.28        |  |            |  |
|                  | For Polystyrene Core, Add                                                                      | 71.85        |  |            |  |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                     | 179.62       |  |            |  |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                     | 89.81        |  |            |  |
|                  | For Steel Stiffened, Add                                                                       | 179.62       |  |            |  |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR            |                                                                                                       | TOTAL DIRECT |           | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                       | UNIT COST    | UNIT COST | UNIT COST  |
| 08 13 13 13-0069 | EA 3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....             | 852.86       |           | 65.10      |
|                  | For Up To 1' Extra Height, Add                                                                        | 199.96       |           |            |
|                  | For 1' To 1'-6" Extra Height, Add                                                                     | 381.49       |           |            |
|                  | For Galvanized Steel Door, Add                                                                        | 144.53       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                                | 578.13       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                                | 939.46       |           |            |
|                  | For Embossed Panel Door, Add                                                                          | 173.44       |           |            |
|                  | For Baked Enamel Finish, Add                                                                          | 236.33       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                    | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                    | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                    | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                    | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                       | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                                | -45.90       |           |            |
|                  | For >100, Deduct                                                                                      | -67.22       |           |            |
|                  | For 2" Thick Door, Add                                                                                | 55.65        |           |            |
|                  | For Polystyrene Core, Add                                                                             | 72.27        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                            | 180.67       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                            | 90.33        |           |            |
|                  | For Steel Stiffened, Add                                                                              | 180.67       |           |            |
| 08 13 13 13-0070 | EA 3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....          | 907.49       |           | 65.10      |
|                  | For Up To 1' Extra Height, Add                                                                        | 215.08       |           |            |
|                  | For 1' To 1'-6" Extra Height, Add                                                                     | 410.33       |           |            |
|                  | For Galvanized Steel Door, Add                                                                        | 155.46       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                                | 621.83       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                                | 1,010.48     |           |            |
|                  | For Embossed Panel Door, Add                                                                          | 186.55       |           |            |
|                  | For Baked Enamel Finish, Add                                                                          | 252.72       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                    | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                    | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                    | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                    | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                       | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                                | -48.63       |           |            |
|                  | For >100, Deduct                                                                                      | -71.32       |           |            |
|                  | For 2" Thick Door, Add                                                                                | 59.61        |           |            |
|                  | For Polystyrene Core, Add                                                                             | 77.73        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                            | 194.32       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                            | 97.16        |           |            |
|                  | For Steel Stiffened, Add                                                                              | 194.32       |           |            |
| 08 13 13 13-0071 | EA 3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....          | 933.93       |           | 67.81      |
|                  | For Up To 1' Extra Height, Add                                                                        | 220.89       |           |            |
|                  | For 1' To 1'-6" Extra Height, Add                                                                     | 421.42       |           |            |
|                  | For Galvanized Steel Door, Add                                                                        | 159.66       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                                | 638.64       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                                | 1,037.79     |           |            |
|                  | For Embossed Panel Door, Add                                                                          | 191.59       |           |            |
|                  | For Baked Enamel Finish, Add                                                                          | 259.83       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                    | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                    | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                    | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                    | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                       | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                                | -50.09       |           |            |
|                  | For >100, Deduct                                                                                      | -73.44       |           |            |
|                  | For 2" Thick Door, Add                                                                                | 61.27        |           |            |
|                  | For Polystyrene Core, Add                                                                             | 79.83        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                            | 199.58       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                            | 99.79        |           |            |
|                  | For Steel Stiffened, Add                                                                              | 199.58       |           |            |
| 08 13 13 13-0072 | EA 4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....             | 1,028.80     |           | 73.24      |
|                  | For Up To 1' Extra Height, Add                                                                        | 244.14       |           |            |
|                  | For 1' To 1'-6" Extra Height, Add                                                                     | 465.78       |           |            |
|                  | For Galvanized Steel Door, Add                                                                        | 176.46       |           |            |
|                  | For Type 304 Stainless Steel Door, Add                                                                | 705.86       |           |            |
|                  | For Type 316 Stainless Steel Door, Add                                                                | 1,147.02     |           |            |
|                  | For Embossed Panel Door, Add                                                                          | 211.76       |           |            |
|                  | For Baked Enamel Finish, Add                                                                          | 286.67       |           |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                    | 27.63        |           |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                    | 41.40        |           |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                    | 55.27        |           |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                    | 93.38        |           |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                       | 131.50       |           |            |
|                  | For >50 To 100, Deduct                                                                                | -55.10       |           |            |
|                  | For >100, Deduct                                                                                      | -80.82       |           |            |
|                  | For 2" Thick Door, Add                                                                                | 67.63        |           |            |
|                  | For Polystyrene Core, Add                                                                             | 88.23        |           |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                            | 220.58       |           |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                            | 110.29       |           |            |
|                  | For Steel Stiffened, Add                                                                              | 220.58       |           |            |
| 08 13 13 13-0073 | 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)                  |              |           |            |
| 08 13 13 13-0074 | 6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073) |              |           |            |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                         | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 13 13 13-0075 | EA  |     | 2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....    | 887.66                 | 59.67                |
|                  |     |     | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 307.32                 |                      |
|                  |     |     | For Galvanized Steel Door, Add                                                                      | 153.66                 |                      |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                              | 614.64                 |                      |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                              | 998.79                 |                      |
|                  |     |     | For Embossed Panel Door, Add                                                                        | 184.39                 |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                        | 248.39                 |                      |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                  | 27.63                  |                      |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                  | 41.40                  |                      |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                  | 55.27                  |                      |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                  | 93.38                  |                      |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                     | 131.50                 |                      |
|                  |     |     | For >50 To 100, Deduct                                                                              | 47.37                  |                      |
|                  |     |     | For >100, Deduct                                                                                    | -69.56                 |                      |
|                  |     |     | For 2" Thick Door, Add                                                                              | 58.69                  |                      |
|                  |     |     | For Polystyrene Core, Add                                                                           | 76.83                  |                      |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 192.08                 |                      |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 96.04                  |                      |
|                  |     |     | For Steel Stiffened, Add                                                                            | 192.08                 |                      |
| 08 13 13 13-0076 | EA  |     | 2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 887.66                 | 59.67                |
|                  |     |     | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 307.32                 |                      |
|                  |     |     | For Galvanized Steel Door, Add                                                                      | 153.66                 |                      |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                              | 614.64                 |                      |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                              | 998.79                 |                      |
|                  |     |     | For Embossed Panel Door, Add                                                                        | 184.39                 |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                        | 248.39                 |                      |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                  | 27.63                  |                      |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                  | 41.40                  |                      |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                  | 55.27                  |                      |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                  | 93.38                  |                      |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                     | 131.50                 |                      |
|                  |     |     | For >50 To 100, Deduct                                                                              | -47.37                 |                      |
|                  |     |     | For >100, Deduct                                                                                    | -69.56                 |                      |
|                  |     |     | For 2" Thick Door, Add                                                                              | 58.69                  |                      |
|                  |     |     | For Polystyrene Core, Add                                                                           | 76.83                  |                      |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 192.08                 |                      |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 96.04                  |                      |
|                  |     |     | For Steel Stiffened, Add                                                                            | 192.08                 |                      |
| 08 13 13 13-0077 | EA  |     | 2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 908.78                 | 62.39                |
|                  |     |     | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 313.60                 |                      |
|                  |     |     | For Galvanized Steel Door, Add                                                                      | 156.80                 |                      |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                              | 627.21                 |                      |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                              | 1,019.21               |                      |
|                  |     |     | For Embossed Panel Door, Add                                                                        | 188.16                 |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                        | 253.92                 |                      |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                  | 27.63                  |                      |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                  | 41.40                  |                      |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                  | 55.27                  |                      |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                  | 93.38                  |                      |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                     | 131.50                 |                      |
|                  |     |     | For >50 To 100, Deduct                                                                              | -48.56                 |                      |
|                  |     |     | For >100, Deduct                                                                                    | -71.28                 |                      |
|                  |     |     | For 2" Thick Door, Add                                                                              | 59.96                  |                      |
|                  |     |     | For Polystyrene Core, Add                                                                           | 78.40                  |                      |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 196.00                 |                      |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 98.00                  |                      |
|                  |     |     | For Steel Stiffened, Add                                                                            | 196.00                 |                      |
| 08 13 13 13-0078 | EA  |     | 2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 920.48                 | 62.39                |
|                  |     |     | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 318.28                 |                      |
|                  |     |     | For Galvanized Steel Door, Add                                                                      | 159.14                 |                      |
|                  |     |     | For Type 304 Stainless Steel Door, Add                                                              | 636.57                 |                      |
|                  |     |     | For Type 316 Stainless Steel Door, Add                                                              | 1,034.42               |                      |
|                  |     |     | For Embossed Panel Door, Add                                                                        | 190.97                 |                      |
|                  |     |     | For Baked Enamel Finish, Add                                                                        | 257.43                 |                      |
|                  |     |     | For 20 Minute Fire Rated Door, Add                                                                  | 27.63                  |                      |
|                  |     |     | For 45 Minute Fire Rated Door, Add                                                                  | 41.40                  |                      |
|                  |     |     | For 60 Minute Fire Rated Door, Add                                                                  | 55.27                  |                      |
|                  |     |     | For 90 Minute Fire Rated Door, Add                                                                  | 93.38                  |                      |
|                  |     |     | For 3 Hour Fire Rated Door, Add                                                                     | 131.50                 |                      |
|                  |     |     | For >50 To 100, Deduct                                                                              | -49.14                 |                      |
|                  |     |     | For >100, Deduct                                                                                    | -72.16                 |                      |
|                  |     |     | For 2" Thick Door, Add                                                                              | 60.81                  |                      |
|                  |     |     | For Polystyrene Core, Add                                                                           | 79.57                  |                      |
|                  |     |     | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 198.93                 |                      |
|                  |     |     | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 99.46                  |                      |
|                  |     |     | For Steel Stiffened, Add                                                                            | 198.93                 |                      |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                        |          |       |
|------------------|--------------------------------------------------------------------------------------------------------|----------|-------|
| 08 13 13 13-0079 | EA 2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door..... | 927.90   | 63.74 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 320.16   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 160.08   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 640.33   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,040.53 |       |
|                  | For Embossed Panel Door, Add                                                                           | 192.10   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 259.25   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -49.58   |       |
|                  | For >100, Deduct                                                                                       | -72.78   |       |
|                  | For 2" Thick Door, Add                                                                                 | 61.22    |       |
|                  | For Polystyrene Core, Add                                                                              | 80.04    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 200.10   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 100.05   |       |
|                  | For Steel Stiffened, Add                                                                               | 200.10   |       |
| 08 13 13 13-0080 | EA 3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....     | 935.28   | 65.10 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 322.03   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 161.02   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 644.06   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,046.60 |       |
|                  | For Embossed Panel Door, Add                                                                           | 193.22   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 261.05   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -50.02   |       |
|                  | For >100, Deduct                                                                                       | -73.40   |       |
|                  | For 2" Thick Door, Add                                                                                 | 61.62    |       |
|                  | For Polystyrene Core, Add                                                                              | 80.51    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 201.27   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 100.64   |       |
|                  | For Steel Stiffened, Add                                                                               | 201.27   |       |
| 08 13 13 13-0081 | EA 3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 996.13   | 65.10 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 346.37   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 173.19   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 692.74   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,125.71 |       |
|                  | For Embossed Panel Door, Add                                                                           | 207.82   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 279.31   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -53.06   |       |
|                  | For >100, Deduct                                                                                       | -77.96   |       |
|                  | For 2" Thick Door, Add                                                                                 | 66.03    |       |
|                  | For Polystyrene Core, Add                                                                              | 86.59    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 216.48   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 108.24   |       |
|                  | For Steel Stiffened, Add                                                                               | 216.48   |       |
| 08 13 13 13-0082 | EA 3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 1,024.96 | 67.81 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 355.73   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 177.87   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 711.46   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,156.13 |       |
|                  | For Embossed Panel Door, Add                                                                           | 213.44   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 287.14   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -54.64   |       |
|                  | For >100, Deduct                                                                                       | -80.26   |       |
|                  | For 2" Thick Door, Add                                                                                 | 67.87    |       |
|                  | For Polystyrene Core, Add                                                                              | 88.93    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 222.33   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 111.17   |       |
|                  | For Steel Stiffened, Add                                                                               | 222.33   |       |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                     | TOTAL DIRECT |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                     | UNIT COST    |  | UNIT COST  |
| 08 13 13 13-0083 | EA 4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 1,129.42     |  | 73.24      |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 393.18       |  |            |
|                  | For Galvanized Steel Door, Add                                                                      | 196.59       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 786.35       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 1,277.82     |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 235.91       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 316.85       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | 60.13        |  |            |
|                  | For >100, Deduct                                                                                    | -88.37       |  |            |
|                  | For 2" Thick Door, Add                                                                              | 74.93        |  |            |
|                  | For Polystyrene Core, Add                                                                           | 98.29        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 245.74       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 122.87       |  |            |
|                  | For Steel Stiffened, Add                                                                            | 245.74       |  |            |
| 08 13 13 13-0084 | 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)  |              |  |            |
| 08 13 13 13-0085 | EA 2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....    | 905.89       |  | 59.67      |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 314.61       |  |            |
|                  | For Galvanized Steel Door, Add                                                                      | 157.31       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 629.22       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 1,022.49     |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 188.77       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 253.86       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -48.28       |  |            |
|                  | For >100, Deduct                                                                                    | -70.93       |  |            |
|                  | For 2" Thick Door, Add                                                                              | 60.01        |  |            |
|                  | For Polystyrene Core, Add                                                                           | 78.65        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 196.63       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 98.32        |  |            |
|                  | For Steel Stiffened, Add                                                                            | 196.63       |  |            |
| 08 13 13 13-0086 | EA 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 905.89       |  | 59.67      |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 314.61       |  |            |
|                  | For Galvanized Steel Door, Add                                                                      | 157.31       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 629.22       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 1,022.49     |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 188.77       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 253.86       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -48.28       |  |            |
|                  | For >100, Deduct                                                                                    | -70.93       |  |            |
|                  | For 2" Thick Door, Add                                                                              | 60.01        |  |            |
|                  | For Polystyrene Core, Add                                                                           | 78.65        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 196.63       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 98.32        |  |            |
|                  | For Steel Stiffened, Add                                                                            | 196.63       |  |            |
| 08 13 13 13-0087 | EA 2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 927.39       |  | 62.39      |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                             | 321.05       |  |            |
|                  | For Galvanized Steel Door, Add                                                                      | 160.52       |  |            |
|                  | For Type 304 Stainless Steel Door, Add                                                              | 642.10       |  |            |
|                  | For Type 316 Stainless Steel Door, Add                                                              | 1,043.41     |  |            |
|                  | For Embossed Panel Door, Add                                                                        | 192.63       |  |            |
|                  | For Baked Enamel Finish, Add                                                                        | 259.50       |  |            |
|                  | For 20 Minute Fire Rated Door, Add                                                                  | 27.63        |  |            |
|                  | For 45 Minute Fire Rated Door, Add                                                                  | 41.40        |  |            |
|                  | For 60 Minute Fire Rated Door, Add                                                                  | 55.27        |  |            |
|                  | For 90 Minute Fire Rated Door, Add                                                                  | 93.38        |  |            |
|                  | For 3 Hour Fire Rated Door, Add                                                                     | 131.50       |  |            |
|                  | For >50 To 100, Deduct                                                                              | -49.49       |  |            |
|                  | For >100, Deduct                                                                                    | -72.67       |  |            |
|                  | For 2" Thick Door, Add                                                                              | 61.31        |  |            |
|                  | For Polystyrene Core, Add                                                                           | 80.26        |  |            |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                          | 200.66       |  |            |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                          | 100.33       |  |            |
|                  | For Steel Stiffened, Add                                                                            | 200.66       |  |            |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

| MINOR    | CSI     | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOTAL DIRECT<br>UNIT COST                                                                                                                                                                | DEMOLITION<br>UNIT COST |
|----------|---------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 08 13 13 | 13-0088 | EA  | 2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add  | 939.37<br>325.84<br>162.92<br>651.68<br>1,058.98<br>195.50<br>263.10<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-50.09<br>-73.57<br>62.18<br>81.46<br>203.65<br>101.83<br>203.65   | 62.39                   |
| 08 13 13 | 13-0089 | EA  | 2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add | 946.88<br>327.76<br>163.88<br>655.51<br>1,065.21<br>196.65<br>264.94<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-50.53<br>-74.20<br>62.59<br>81.94<br>204.85<br>102.42<br>204.85   | 63.74                   |
| 08 13 13 | 13-0090 | EA  | 3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add     | 954.38<br>329.67<br>164.84<br>659.34<br>1,071.43<br>197.80<br>266.78<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-50.97<br>-74.83<br>63.01<br>82.42<br>206.05<br>103.02<br>206.05   | 65.10                   |
| 08 13 13 | 13-0091 | EA  | 3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add  | 1,016.67<br>354.59<br>177.29<br>709.18<br>1,152.41<br>212.75<br>285.47<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-54.09<br>-79.51<br>67.52<br>88.65<br>221.62<br>110.81<br>221.62 | 65.10                   |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TOTAL DIRECT                                                                                                                                                                              |  | DEMOLITION |  |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNIT COST                                                                                                                                                                                 |  | UNIT COST  |  |
| 08 13 13 13-0092 | EA 3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add    | 1,046.06<br>364.17<br>182.09<br>728.34<br>1,183.56<br>218.50<br>293.47<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>55.69<br>-81.85<br>69.40<br>91.04<br>227.61<br>113.80<br>227.61   |  | 67.81      |  |
| 08 13 13 13-0093 | EA 4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add       | 1,152.75<br>402.51<br>201.25<br>805.02<br>1,308.15<br>241.50<br>323.85<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-61.30<br>-90.12<br>76.62<br>100.63<br>251.57<br>125.78<br>251.57 |  | 73.24      |  |
| 08 13 13 13-0094 | 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                           |  |            |  |
| 08 13 13 13-0095 | EA 2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add    | 924.13<br>321.91<br>160.95<br>643.82<br>1,046.20<br>193.14<br>259.34<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-49.19<br>-72.29<br>61.33<br>80.48<br>201.19<br>100.60<br>201.19    |  | 59.67      |  |
| 08 13 13 13-0096 | EA 2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add | 924.13<br>321.91<br>160.95<br>643.82<br>1,046.20<br>193.14<br>259.34<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-49.19<br>-72.29<br>61.33<br>80.48<br>201.19<br>100.60<br>201.19    |  | 59.67      |  |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                        |          |       |
|------------------|--------------------------------------------------------------------------------------------------------|----------|-------|
| 08 13 13 13-0097 | EA 2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 946.00   | 62.39 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 328.49   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 164.25   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 656.98   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,067.60 |       |
|                  | For Embossed Panel Door, Add                                                                           | 197.10   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 265.08   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -50.42   |       |
|                  | For >100, Deduct                                                                                       | -74.07   |       |
|                  | For 2" Thick Door, Add                                                                                 | 62.66    |       |
|                  | For Polystyrene Core, Add                                                                              | 82.12    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 205.31   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 102.65   |       |
|                  | For Steel Stiffened, Add                                                                               | 205.31   |       |
| 08 13 13 13-0098 | EA 2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....  | 958.25   | 62.39 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 333.39   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 166.70   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 666.78   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,083.52 |       |
|                  | For Embossed Panel Door, Add                                                                           | 200.04   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 268.76   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -51.03   |       |
|                  | For >100, Deduct                                                                                       | -74.99   |       |
|                  | For 2" Thick Door, Add                                                                                 | 63.55    |       |
|                  | For Polystyrene Core, Add                                                                              | 83.35    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 208.37   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 104.19   |       |
|                  | For Steel Stiffened, Add                                                                               | 208.37   |       |
| 08 13 13 13-0099 | EA 2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door..... | 965.89   | 63.74 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 335.36   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 167.68   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 670.72   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,089.92 |       |
|                  | For Embossed Panel Door, Add                                                                           | 201.22   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 270.64   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -51.48   |       |
|                  | For >100, Deduct                                                                                       | -75.63   |       |
|                  | For 2" Thick Door, Add                                                                                 | 63.97    |       |
|                  | For Polystyrene Core, Add                                                                              | 83.84    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 209.60   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 104.80   |       |
|                  | For Steel Stiffened, Add                                                                               | 209.60   |       |
| 08 13 13 13-0100 | EA 3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....     | 973.49   | 65.10 |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                                | 337.32   |       |
|                  | For Galvanized Steel Door, Add                                                                         | 168.66   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                                 | 674.63   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                                 | 1,096.28 |       |
|                  | For Embossed Panel Door, Add                                                                           | 202.39   |       |
|                  | For Baked Enamel Finish, Add                                                                           | 272.52   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                     | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                     | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                     | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                     | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                        | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                                 | -51.93   |       |
|                  | For >100, Deduct                                                                                       | -76.27   |       |
|                  | For 2" Thick Door, Add                                                                                 | 64.39    |       |
|                  | For Polystyrene Core, Add                                                                              | 84.33    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                             | 210.82   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                             | 105.41   |       |
|                  | For Steel Stiffened, Add                                                                               | 210.82   |       |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TOTAL DIRECT |                                                                                                                                                                                                    | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | UNIT         | COST                                                                                                                                                                                               | UNIT COST  |
| 08 13 13 13-0101 | EA 3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add                             | .....        | 1,037.23<br>362.81<br>181.41<br>725.62<br>1,179.14<br>217.69<br>291.64<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>55.12<br>-81.05<br>69.01<br>90.70<br>226.76<br>113.38<br>226.76            | 65.10      |
| 08 13 13 13-0102 | EA 3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add                             | .....        | 1,067.17<br>372.62<br>186.31<br>745.23<br>1,211.00<br>223.57<br>299.81<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-56.75<br>-83.43<br>70.93<br>93.15<br>232.89<br>116.44<br>232.89           | 67.81      |
| 08 13 13 13-0103 | EA 4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add                                | .....        | 1,176.08<br>411.84<br>205.92<br>823.68<br>1,338.48<br>247.10<br>330.85<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-62.47<br>-91.87<br>78.31<br>102.96<br>257.40<br>128.70<br>257.40          | 73.24      |
| 08 13 13 13-0104 | 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                                                                                                                                                                                                    |            |
| 08 13 13 13-0105 | EA 2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For Up To 1' Extra Height, Add<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add | .....        | 1,074.53<br>264.30<br>382.07<br>191.03<br>764.14<br>1,241.72<br>229.24<br>304.46<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-56.71<br>-83.57<br>72.23<br>95.52<br>238.79<br>119.40<br>238.79 | 59.67      |

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                                      |          |       |
|------------------|------------------------------------------------------------------------------------------------------|----------|-------|
| 08 13 13 13-0106 | EA 2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 1,074.53 | 59.67 |
|                  | For Up To 1' Extra Height, Add                                                                       | 264.30   |       |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                              | 382.07   |       |
|                  | For Galvanized Steel Door, Add                                                                       | 191.03   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                               | 764.14   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                               | 1,241.72 |       |
|                  | For Embossed Panel Door, Add                                                                         | 229.24   |       |
|                  | For Baked Enamel Finish, Add                                                                         | 304.46   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                   | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                   | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                   | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                   | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                      | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                               | -56.71   |       |
|                  | For >100, Deduct                                                                                     | -83.57   |       |
|                  | For 2" Thick Door, Add                                                                               | 72.23    |       |
|                  | For Polystyrene Core, Add                                                                            | 95.52    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                           | 238.79   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                           | 119.40   |       |
|                  | For Steel Stiffened, Add                                                                             | 238.79   |       |
| 08 13 13 13-0107 | EA 2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 1,099.48 | 62.39 |
|                  | For Up To 1' Extra Height, Add                                                                       | 269.70   |       |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                              | 389.88   |       |
|                  | For Galvanized Steel Door, Add                                                                       | 194.94   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                               | 779.77   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                               | 1,267.12 |       |
|                  | For Embossed Panel Door, Add                                                                         | 233.93   |       |
|                  | For Baked Enamel Finish, Add                                                                         | 311.13   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                   | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                   | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                   | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                   | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                      | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                               | -58.09   |       |
|                  | For >100, Deduct                                                                                     | -85.58   |       |
|                  | For 2" Thick Door, Add                                                                               | 73.79    |       |
|                  | For Polystyrene Core, Add                                                                            | 97.47    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                           | 243.68   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                           | 121.84   |       |
|                  | For Steel Stiffened, Add                                                                             | 243.68   |       |
| 08 13 13 13-0108 | EA 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....  | 1,114.03 | 62.39 |
|                  | For Up To 1' Extra Height, Add                                                                       | 273.73   |       |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                              | 395.70   |       |
|                  | For Galvanized Steel Door, Add                                                                       | 197.85   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                               | 791.41   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                               | 1,286.04 |       |
|                  | For Embossed Panel Door, Add                                                                         | 237.42   |       |
|                  | For Baked Enamel Finish, Add                                                                         | 315.49   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                   | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                   | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                   | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                   | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                      | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                               | -58.82   |       |
|                  | For >100, Deduct                                                                                     | -86.67   |       |
|                  | For 2" Thick Door, Add                                                                               | 74.84    |       |
|                  | For Polystyrene Core, Add                                                                            | 98.93    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                           | 247.32   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                           | 123.66   |       |
|                  | For Steel Stiffened, Add                                                                             | 247.32   |       |
| 08 13 13 13-0109 | EA 2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door ..... | 1,122.56 | 63.74 |
|                  | For Up To 1' Extra Height, Add                                                                       | 275.34   |       |
|                  | For 14 Gauge, Level 4 Maximum Duty, Add                                                              | 398.03   |       |
|                  | For Galvanized Steel Door, Add                                                                       | 199.01   |       |
|                  | For Type 304 Stainless Steel Door, Add                                                               | 796.06   |       |
|                  | For Type 316 Stainless Steel Door, Add                                                               | 1,293.59 |       |
|                  | For Embossed Panel Door, Add                                                                         | 238.82   |       |
|                  | For Baked Enamel Finish, Add                                                                         | 317.64   |       |
|                  | For 20 Minute Fire Rated Door, Add                                                                   | 27.63    |       |
|                  | For 45 Minute Fire Rated Door, Add                                                                   | 41.40    |       |
|                  | For 60 Minute Fire Rated Door, Add                                                                   | 55.27    |       |
|                  | For 90 Minute Fire Rated Door, Add                                                                   | 93.38    |       |
|                  | For 3 Hour Fire Rated Door, Add                                                                      | 131.50   |       |
|                  | For >50 To 100, Deduct                                                                               | -59.32   |       |
|                  | For >100, Deduct                                                                                     | -87.38   |       |
|                  | For 2" Thick Door, Add                                                                               | 75.33    |       |
|                  | For Polystyrene Core, Add                                                                            | 99.51    |       |
|                  | For Mineral Core, 250 Degree Maximum Temperature Rise, Add                                           | 248.77   |       |
|                  | For Continuously Welded And Filled Vertical Edge Seam, Add                                           | 124.38   |       |
|                  | For Steel Stiffened, Add                                                                             | 248.77   |       |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Metal Doors      |  |  | 08 13 |    |

| MINOR            | CSI | UOM                 | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TOTAL DIRECT<br>UNIT COST                                                                                                                                                                                      | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 08 13 13 13-0110 | EA  | 3' x 8' x 1-3/4"    | 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For Up To 1' Extra Height, Add<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add                                      | 1,131.09<br>276.95<br>400.36<br>200.18<br>800.71<br>1,301.16<br>240.21<br>319.80<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-59.81<br>-88.09<br>75.82<br>100.09<br>250.22<br>125.11<br>250.22            | 65.10                   |
| 08 13 13 13-0111 | EA  | 3'-4" x 8' x 1-3/4" | 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For Up To 1' Extra Height, Add<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add                                      | 1,206.74<br>297.88<br>430.62<br>215.31<br>861.23<br>1,399.50<br>258.37<br>342.49<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-63.59<br>-93.76<br>81.30<br>107.65<br>269.14<br>134.57<br>269.14            | 65.10                   |
| 08 13 13 13-0112 | EA  | 3'-6" x 8' x 1-3/4" | 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For Up To 1' Extra Height, Add<br>For 1' To 1'-6" Extra Height, Add<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add | 1,241.27<br>305.93<br>583.67<br>442.26<br>221.13<br>884.51<br>1,437.33<br>265.35<br>352.04<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-65.45<br>-96.49<br>83.55<br>110.56<br>276.41<br>138.21<br>276.41  | 67.81                   |
| 08 13 13 13-0113 | EA  | 4' x 8' x 1-3/4"    | 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door .....<br>For Up To 1' Extra Height, Add<br>For 1' To 1'-6" Extra Height, Add<br>For 14 Gauge, Level 4 Maximum Duty, Add<br>For Galvanized Steel Door, Add<br>For Type 304 Stainless Steel Door, Add<br>For Type 316 Stainless Steel Door, Add<br>For Embossed Panel Door, Add<br>For Baked Enamel Finish, Add<br>For 20 Minute Fire Rated Door, Add<br>For 45 Minute Fire Rated Door, Add<br>For 60 Minute Fire Rated Door, Add<br>For 90 Minute Fire Rated Door, Add<br>For 3 Hour Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 2" Thick Door, Add<br>For Polystyrene Core, Add<br>For Mineral Core, 250 Degree Maximum Temperature Rise, Add<br>For Continuously Welded And Filled Vertical Edge Seam, Add<br>For Steel Stiffened, Add | 1,368.50<br>338.13<br>645.10<br>488.81<br>244.40<br>977.62<br>1,588.63<br>293.28<br>388.58<br>27.63<br>41.40<br>55.27<br>93.38<br>131.50<br>-72.09<br>-106.30<br>92.26<br>122.20<br>305.51<br>152.75<br>305.51 | 73.24                   |

08 13 13 53 Custom Hollow Metal Doors (08 13 13)

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door (08 13 13 53)

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                    |          |        |
|------------------|----|----------------------------------------------------------------------------------------------------|----------|--------|
| 08 13 13 53-0002 | EA | 2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door..... | 1,974.05 | 135.63 |
|                  |    | <i>For 16 Gauge Door, Add</i>                                                                      | 20.30    |        |
| 08 13 13 53-0003 | EA | 2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....          | 2,067.40 | 162.75 |
|                  |    | <i>For 16 Gauge Door, Add</i>                                                                      | 20.30    |        |

**08 13 73 Sliding Metal Doors (08 13)**

|                  |    |                                                                                                       |        |       |
|------------------|----|-------------------------------------------------------------------------------------------------------|--------|-------|
| 08 13 73 00-0001 |    | <b>Sliding Bypass Mirror Doors (08 13 73)</b>                                                         |        |       |
|                  |    | Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides. |        |       |
| 08 13 73 00-0002 | EA | 4' x 6' 8", Sliding Bypass Mirror Doors.....                                                          | 501.93 | 81.38 |
| 08 13 73 00-0003 | EA | 5' x 6' 8", Sliding Bypass Mirror Doors.....                                                          | 571.77 | 86.81 |
| 08 13 73 00-0004 | EA | 6' x 6' 8", Sliding Bypass Mirror Doors.....                                                          | 641.62 | 92.22 |
| 08 13 73 00-0005 | EA | 8' x 6' 8", Sliding Bypass Mirror Doors.....                                                          | 770.44 | 97.65 |

**08 13 76 Bifolding Metal Doors (08 13)**

|                  |    |                                                                           |        |       |
|------------------|----|---------------------------------------------------------------------------|--------|-------|
| 08 13 76 00-0001 |    | <b>Bi-Fold Metal Doors (08 13 76)</b>                                     |        |       |
| 08 13 76 00-0002 |    | <b>Steel Full Louver Bi-Fold Doors (08 13 76 00-0001)</b>                 |        |       |
| 08 13 76 00-0003 | EA | 1'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....  | 251.48 | 59.65 |
| 08 13 76 00-0004 | EA | 2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....  | 272.59 | 65.07 |
| 08 13 76 00-0005 | EA | 2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....  | 297.11 | 70.50 |
| 08 13 76 00-0006 | EA | 3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....  | 333.61 | 81.34 |
| 08 13 76 00-0007 | EA | 4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold..... | 436.78 | 86.77 |
| 08 13 76 00-0008 | EA | 5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold..... | 477.26 | 92.18 |
| 08 13 76 00-0009 | EA | 6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold..... | 506.34 | 97.61 |

|                  |    |                                                                                        |        |       |
|------------------|----|----------------------------------------------------------------------------------------|--------|-------|
| 08 13 76 00-0010 |    | <b>Steel Half Louver, Half Panel Bi-Fold Doors (08 13 76 00-0001)</b>                  |        |       |
| 08 13 76 00-0011 | EA | 2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....  | 286.27 | 65.07 |
| 08 13 76 00-0012 | EA | 2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....  | 311.92 | 70.50 |
| 08 13 76 00-0013 | EA | 3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....  | 342.73 | 81.34 |
| 08 13 76 00-0014 | EA | 4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold..... | 461.85 | 86.77 |
| 08 13 76 00-0015 | EA | 5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold..... | 495.50 | 92.18 |
| 08 13 76 00-0016 | EA | 6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold..... | 533.69 | 97.61 |

**08 14 Wood Doors (08 10)**

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).  
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

**08 14 16 Flush Wood Doors (08 14)**

|                  |    |                                                                                    |        |       |
|------------------|----|------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0001 |    | <b>1-3/8" Thick, Hollow Core (HC), Wood Doors (08 14 16)</b>                       |        |       |
| 08 14 16 00-0002 |    | <b>Birch Faced Wood Door (08 14 16 00-0001)</b>                                    |        |       |
| 08 14 16 00-0003 | EA | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 234.05 | 59.67 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -14.69 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -20.54 |       |
| 08 14 16 00-0004 | EA | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 234.05 | 59.67 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -14.69 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -20.54 |       |
| 08 14 16 00-0005 | EA | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 247.59 | 62.39 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.50 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -21.69 |       |
| 08 14 16 00-0006 | EA | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 253.57 | 62.39 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.80 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -22.14 |       |
| 08 14 16 00-0007 | EA | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door..... | 254.97 | 62.39 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.87 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -22.24 |       |
| 08 14 16 00-0008 | EA | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 261.11 | 65.10 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -16.31 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -22.84 |       |
| 08 14 16 00-0009 | EA | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 273.89 | 65.10 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -16.95 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -23.80 |       |
| 08 14 16 00-0010 | EA | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....  | 288.52 | 67.81 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -17.82 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -25.03 |       |
| 08 14 16 00-0011 | EA | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....     | 240.74 | 59.67 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.02 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -21.04 |       |
| 08 14 16 00-0012 | EA | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....     | 240.74 | 59.67 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.02 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -21.04 |       |
| 08 14 16 00-0013 | EA | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....     | 254.75 | 62.39 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -15.86 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -22.23 |       |
| 08 14 16 00-0014 | EA | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....     | 261.07 | 62.39 |
|                  |    | <i>For &gt;50 To 100, Deduct</i>                                                   | -16.17 |       |
|                  |    | <i>For &gt;100, Deduct</i>                                                         | -22.70 |       |





|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                       | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------|------------------------|----------------------|
| 08 14 16 00-0015 | EA  |     | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....  | 262.55                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -16.25                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -22.81                 |                      |
| 08 14 16 00-0016 | EA  |     | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 268.72                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -16.69                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -23.41                 |                      |
| 08 14 16 00-0017 | EA  |     | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 282.25                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.37                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -24.42                 |                      |
| 08 14 16 00-0018 | EA  |     | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 297.41                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.26                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.70                 |                      |
| 08 14 16 00-0019 | EA  |     | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 264.40                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -16.20                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -22.81                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 30.46                  |                      |
| 08 14 16 00-0020 | EA  |     | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 264.40                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -16.20                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -22.81                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 30.46                  |                      |
| 08 14 16 00-0021 | EA  |     | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 280.10                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.12                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -24.13                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 32.62                  |                      |
| 08 14 16 00-0022 | EA  |     | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 287.64                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.50                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -24.69                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 34.20                  |                      |
| 08 14 16 00-0023 | EA  |     | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....  | 289.42                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.59                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -24.83                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 34.58                  |                      |
| 08 14 16 00-0024 | EA  |     | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 295.73                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.04                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.43                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 34.76                  |                      |
| 08 14 16 00-0025 | EA  |     | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 311.90                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.85                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -26.65                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 38.16                  |                      |
| 08 14 16 00-0026 | EA  |     | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door .....   | 328.95                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.84                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -28.06                 |                      |
|                  |     |     | For 9' Door Height, Add                                                           | 40.60                  |                      |
| 08 14 16 00-0027 |     |     | Oak Faced Wood Door (08 14 16 00-0001)                                            |                        |                      |
| 08 14 16 00-0028 | EA  |     | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 295.03                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.74                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.11                 |                      |
| 08 14 16 00-0029 | EA  |     | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 295.03                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -17.74                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.11                 |                      |
| 08 14 16 00-0030 | EA  |     | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 312.89                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.76                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -26.59                 |                      |
| 08 14 16 00-0031 | EA  |     | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 322.05                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.22                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -27.27                 |                      |
| 08 14 16 00-0032 | EA  |     | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... | 323.67                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.30                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -27.39                 |                      |
| 08 14 16 00-0033 | EA  |     | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 330.71                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.79                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -28.06                 |                      |
| 08 14 16 00-0034 | EA  |     | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 350.27                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                            | -20.77                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -29.53                 |                      |
| 08 14 16 00-0035 | EA  |     | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....  | 369.79                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                            | -21.88                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -31.13                 |                      |
| 08 14 16 00-0036 | EA  |     | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....     | 305.25                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.25                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.88                 |                      |
| 08 14 16 00-0037 | EA  |     | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....     | 305.25                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                            | -18.25                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -25.88                 |                      |
| 08 14 16 00-0038 | EA  |     | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....     | 323.84                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.31                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -27.41                 |                      |
| 08 14 16 00-0039 | EA  |     | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....     | 333.53                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                            | -19.80                 |                      |
|                  |     |     | For >100, Deduct                                                                  | -28.13                 |                      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                           | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0040 | EA  | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door      | .....       | 335.24                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -19.88                    |                         |
|                  |     | For >100, Deduct                                                              |             | -28.26                    |                         |
| 08 14 16 00-0041 | EA  | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 342.37                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -20.37                    |                         |
|                  |     | For >100, Deduct                                                              |             | -28.93                    |                         |
| 08 14 16 00-0042 | EA  | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 363.07                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -21.41                    |                         |
|                  |     | For >100, Deduct                                                              |             | -30.49                    |                         |
| 08 14 16 00-0043 | EA  | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 383.42                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -22.56                    |                         |
|                  |     | For >100, Deduct                                                              |             | -32.15                    |                         |
| 08 14 16 00-0044 | EA  | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 341.51                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -20.06                    |                         |
|                  |     | For >100, Deduct                                                              |             | -28.60                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 46.65                     |                         |
| 08 14 16 00-0045 | EA  | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 341.51                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -20.06                    |                         |
|                  |     | For >100, Deduct                                                              |             | -28.60                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 46.65                     |                         |
| 08 14 16 00-0046 | EA  | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 362.66                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -21.25                    |                         |
|                  |     | For >100, Deduct                                                              |             | -30.32                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 49.96                     |                         |
| 08 14 16 00-0047 | EA  | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 374.23                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -21.83                    |                         |
|                  |     | For >100, Deduct                                                              |             | -31.19                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 52.39                     |                         |
| 08 14 16 00-0048 | EA  | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door      | .....       | 376.28                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -21.93                    |                         |
|                  |     | For >100, Deduct                                                              |             | -31.34                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 52.82                     |                         |
| 08 14 16 00-0049 | EA  | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 383.74                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -22.44                    |                         |
|                  |     | For >100, Deduct                                                              |             | -32.04                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 53.24                     |                         |
| 08 14 16 00-0050 | EA  | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 408.49                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -23.68                    |                         |
|                  |     | For >100, Deduct                                                              |             | -33.89                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 58.44                     |                         |
| 08 14 16 00-0051 | EA  | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door       | .....       | 431.75                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -24.98                    |                         |
|                  |     | For >100, Deduct                                                              |             | -35.77                    |                         |
|                  |     | For 9' Door Height, Add                                                       |             | 62.19                     |                         |
| 08 14 16 00-0052 |     | Maple Faced Wood Door (08 14 16 00-0001)                                      |             |                           |                         |
| 08 14 16 00-0053 | EA  | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 289.60                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -17.46                    |                         |
|                  |     | For >100, Deduct                                                              |             | -24.70                    |                         |
| 08 14 16 00-0054 | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 289.60                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -17.46                    |                         |
|                  |     | For >100, Deduct                                                              |             | -24.70                    |                         |
| 08 14 16 00-0055 | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 307.06                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -18.47                    |                         |
|                  |     | For >100, Deduct                                                              |             | -26.15                    |                         |
| 08 14 16 00-0056 | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 315.95                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -18.92                    |                         |
|                  |     | For >100, Deduct                                                              |             | -26.82                    |                         |
| 08 14 16 00-0057 | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | .....       | 317.52                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -19.00                    |                         |
|                  |     | For >100, Deduct                                                              |             | -26.93                    |                         |
| 08 14 16 00-0058 | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 324.51                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -19.48                    |                         |
|                  |     | For >100, Deduct                                                              |             | -27.59                    |                         |
| 08 14 16 00-0059 | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 343.46                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -20.43                    |                         |
|                  |     | For >100, Deduct                                                              |             | -29.01                    |                         |
| 08 14 16 00-0060 | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 362.54                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -21.52                    |                         |
|                  |     | For >100, Deduct                                                              |             | -30.58                    |                         |
| 08 14 16 00-0061 | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 299.49                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -17.96                    |                         |
|                  |     | For >100, Deduct                                                              |             | -25.45                    |                         |
| 08 14 16 00-0062 | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 299.49                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -17.96                    |                         |
|                  |     | For >100, Deduct                                                              |             | -25.45                    |                         |
| 08 14 16 00-0063 | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 317.68                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -19.00                    |                         |
|                  |     | For >100, Deduct                                                              |             | -26.95                    |                         |
| 08 14 16 00-0064 | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 327.07                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        |             | -19.47                    |                         |
|                  |     | For >100, Deduct                                                              |             | -27.65                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            | CSI                                       | UOM | DESCRIPTION                                                                        | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-------------------------------------------|-----|------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 14 16 00-0065 | EA                                        |     | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....    | 328.73                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -19.56                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -27.77                 |                      |
| 08 14 16 00-0066 | EA                                        |     | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 335.80                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -20.05                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -28.44                 |                      |
| 08 14 16 00-0067 | EA                                        |     | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 355.86                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -21.05                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -29.94                 |                      |
| 08 14 16 00-0068 | EA                                        |     | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 375.75                 | 67.81                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -22.18                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -31.57                 |                      |
| 08 14 16 00-0069 | EA                                        |     | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 334.63                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -19.72                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -28.08                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 45.21                  |                      |
| 08 14 16 00-0070 | EA                                        |     | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 334.63                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -19.72                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -28.08                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 45.21                  |                      |
| 08 14 16 00-0071 | EA                                        |     | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 355.29                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -20.88                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -29.77                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 48.41                  |                      |
| 08 14 16 00-0072 | EA                                        |     | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 366.50                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -21.44                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -30.61                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 50.76                  |                      |
| 08 14 16 00-0073 | EA                                        |     | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....    | 368.50                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -21.54                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -30.76                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 51.18                  |                      |
| 08 14 16 00-0074 | EA                                        |     | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 375.89                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -22.05                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -31.45                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 51.59                  |                      |
| 08 14 16 00-0075 | EA                                        |     | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 399.89                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -23.25                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -33.25                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 56.63                  |                      |
| 08 14 16 00-0076 | EA                                        |     | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....     | 422.58                 | 67.81                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -24.52                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -35.08                 |                      |
|                  |                                           |     | For 9' Door Height, Add                                                            | 60.26                  |                      |
| 08 14 16 00-0077 | Lauan Faced Wood Doors (08 14 16 00-0001) |     |                                                                                    |                        |                      |
| 08 14 16 00-0078 | EA                                        |     | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 206.56                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -13.31                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -18.48                 |                      |
| 08 14 16 00-0079 | EA                                        |     | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 206.56                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -13.31                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -18.48                 |                      |
| 08 14 16 00-0080 | EA                                        |     | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 217.88                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.01                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -19.46                 |                      |
| 08 14 16 00-0081 | EA                                        |     | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 222.87                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.26                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -19.83                 |                      |
| 08 14 16 00-0082 | EA                                        |     | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... | 224.63                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.35                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -19.97                 |                      |
| 08 14 16 00-0083 | EA                                        |     | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 231.82                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.85                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -20.64                 |                      |
| 08 14 16 00-0084 | EA                                        |     | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 241.53                 | 65.10                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -15.33                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -21.37                 |                      |
| 08 14 16 00-0085 | EA                                        |     | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....  | 254.10                 | 67.81                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -16.10                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -22.45                 |                      |
| 08 14 16 00-0086 | EA                                        |     | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....     | 211.63                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -13.57                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -18.86                 |                      |
| 08 14 16 00-0087 | EA                                        |     | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....     | 210.10                 | 59.67                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -13.49                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -18.74                 |                      |
| 08 14 16 00-0088 | EA                                        |     | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....     | 223.30                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.28                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -19.87                 |                      |
| 08 14 16 00-0089 | EA                                        |     | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....     | 228.57                 | 62.39                |
|                  |                                           |     | For >50 To 100, Deduct                                                             | -14.55                 |                      |
|                  |                                           |     | For >100, Deduct                                                                   | -20.26                 |                      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR<br>CSI                                                                             | UOM | DESCRIPTION                                                                                                                                            | TOTAL DIRECT<br>UNIT COST           | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|
| 08 14 16 00-0090                                                                         | EA  | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct                            | 228.70<br>-14.55<br>-20.27          | 62.39                   |
| 08 14 16 00-0091                                                                         | EA  | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct                             | 237.73<br>-15.14<br>-21.08          | 65.10                   |
| 08 14 16 00-0092                                                                         | EA  | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct                             | 248.01<br>-15.66<br>-21.86          | 65.10                   |
| 08 14 16 00-0093                                                                         | EA  | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct                             | 258.92<br>-16.34<br>-22.81          | 67.81                   |
| 08 14 16 00-0094                                                                         | EA  | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 229.63<br>-14.47<br>-20.21<br>23.16 | 59.67                   |
| 08 14 16 00-0095                                                                         | EA  | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 229.61<br>-14.46<br>-20.20<br>23.15 | 59.67                   |
| 08 14 16 00-0096                                                                         | EA  | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 242.51<br>-15.24<br>-21.31<br>24.73 | 62.39                   |
| 08 14 16 00-0097                                                                         | EA  | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 248.81<br>-15.56<br>-21.78<br>26.05 | 62.39                   |
| 08 14 16 00-0098                                                                         | EA  | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add | 251.05<br>-15.67<br>-21.95<br>26.52 | 62.39                   |
| 08 14 16 00-0099                                                                         | EA  | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 258.70<br>-16.19<br>-22.66<br>26.99 | 65.10                   |
| 08 14 16 00-0100                                                                         | EA  | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 270.99<br>-16.80<br>-23.58<br>29.57 | 65.10                   |
| 08 14 16 00-0101                                                                         | EA  | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct<br>For 9' Door Height, Add  | 285.41<br>-17.66<br>-24.80<br>31.45 | 67.81                   |
| <b>08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)</b> |     |                                                                                                                                                        |                                     |                         |
| 08 14 16 00-0103                                                                         | EA  | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 222.11<br>-14.09<br>-19.64          | 59.67                   |
| 08 14 16 00-0104                                                                         | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 222.11<br>-14.09<br>-19.64          | 59.67                   |
| 08 14 16 00-0105                                                                         | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 235.02<br>-14.87<br>-20.75          | 62.39                   |
| 08 14 16 00-0106                                                                         | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 238.56<br>-15.05<br>-21.01          | 62.39                   |
| 08 14 16 00-0107                                                                         | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct  | 242.13<br>-15.23<br>-21.28          | 62.39                   |
| 08 14 16 00-0108                                                                         | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 251.10<br>-15.81<br>-22.09          | 65.10                   |
| 08 14 16 00-0109                                                                         | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 264.40<br>-16.48<br>-23.09          | 65.10                   |
| 08 14 16 00-0110                                                                         | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct   | 278.41<br>-17.31<br>-24.27          | 67.81                   |
| 08 14 16 00-0111                                                                         | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct      | 228.09<br>-14.39<br>-20.09          | 59.67                   |
| 08 14 16 00-0112                                                                         | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct      | 228.09<br>-14.39<br>-20.09          | 59.67                   |
| 08 14 16 00-0113                                                                         | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct      | 241.42<br>-15.19<br>-21.23          | 62.39                   |
| 08 14 16 00-0114                                                                         | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....<br>For>50 To 100, Deduct<br>For>100, Deduct      | 245.19<br>-15.38<br>-21.51          | 62.39                   |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                            | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 14 16 00-0115 | EA  |     | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... | 248.96                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -15.57                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -21.79                 |                      |
| 08 14 16 00-0116 | EA  |     | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 258.14                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.16                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -22.62                 |                      |
| 08 14 16 00-0117 | EA  |     | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 272.21                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.87                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.67                 |                      |
| 08 14 16 00-0118 | EA  |     | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 286.72                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -17.73                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -24.89                 |                      |
| 08 14 16 00-0119 | EA  |     | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 249.27                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -15.45                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -21.68                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 27.28                  |                      |
| 08 14 16 00-0120 | EA  |     | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 249.30                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -15.45                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -21.68                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 27.29                  |                      |
| 08 14 16 00-0121 | EA  |     | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 264.17                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.33                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -22.93                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 29.27                  |                      |
| 08 14 16 00-0122 | EA  |     | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 268.68                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.55                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.27                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 30.22                  |                      |
| 08 14 16 00-0123 | EA  |     | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... | 273.19                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.78                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.61                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 31.17                  |                      |
| 08 14 16 00-0124 | EA  |     | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 283.10                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -17.41                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -24.49                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 32.11                  |                      |
| 08 14 16 00-0125 | EA  |     | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 299.92                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -18.25                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -25.75                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 35.64                  |                      |
| 08 14 16 00-0126 | EA  |     | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....  | 316.19                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -19.20                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -27.11                 |                      |
|                  |     |     | For 9' Door Height, Add                                                                                | 37.92                  |                      |
| 08 14 16 00-0127 |     |     | 1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)                                                  |                        |                      |
| 08 14 16 00-0128 |     |     | Birch Faced Wood Doors (08 14 16 00-0127)                                                              |                        |                      |
| 08 14 16 00-0129 | EA  |     | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 262.72                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.12                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -22.69                 |                      |
| 08 14 16 00-0130 | EA  |     | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 262.72                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.12                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -22.69                 |                      |
| 08 14 16 00-0131 | EA  |     | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 273.53                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.80                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.63                 |                      |
| 08 14 16 00-0132 | EA  |     | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 275.55                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.90                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.79                 |                      |
| 08 14 16 00-0133 | EA  |     | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                     | 279.96                 | 62.39                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -17.12                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -24.12                 |                      |
| 08 14 16 00-0134 | EA  |     | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 289.80                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -17.75                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -24.99                 |                      |
| 08 14 16 00-0135 | EA  |     | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 313.20                 | 65.10                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -18.92                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -26.75                 |                      |
| 08 14 16 00-0136 | EA  |     | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 366.12                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -21.70                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -30.85                 |                      |
| 08 14 16 00-0137 | EA  |     | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 377.65                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -22.27                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -31.71                 |                      |
| 08 14 16 00-0138 | EA  |     | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                      | 400.70                 | 67.81                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -23.43                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -33.44                 |                      |
| 08 14 16 00-0139 | EA  |     | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                         | 271.07                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.54                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.31                 |                      |
| 08 14 16 00-0140 | EA  |     | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....                         | 271.06                 | 59.67                |
|                  |     |     | For >50 To 100, Deduct                                                                                 | -16.54                 |                      |
|                  |     |     | For >100, Deduct                                                                                       | -23.31                 |                      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                         | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0141 | EA  | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 282.19                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -17.23                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -24.28                    |                         |
| 08 14 16 00-0142 | EA  | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 284.32                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -17.34                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -24.44                    |                         |
| 08 14 16 00-0143 | EA  | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door  | .....       | 288.99                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -17.57                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -24.79                    |                         |
| 08 14 16 00-0144 | EA  | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 299.08                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -18.21                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -25.69                    |                         |
| 08 14 16 00-0145 | EA  | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 323.85                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -19.45                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -27.54                    |                         |
| 08 14 16 00-0146 | EA  | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 379.55                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -22.37                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -31.86                    |                         |
| 08 14 16 00-0147 | EA  | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 391.73                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -22.98                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -32.77                    |                         |
| 08 14 16 00-0148 | EA  | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 416.13                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -24.20                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -34.60                    |                         |
| 08 14 16 00-0149 | EA  | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 300.65                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -18.02                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -25.53                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 38.07                     |                         |
| 08 14 16 00-0150 | EA  | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 300.65                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -18.02                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -25.53                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 38.07                     |                         |
| 08 14 16 00-0151 | EA  | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 312.89                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -18.76                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -26.59                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 39.51                     |                         |
| 08 14 16 00-0152 | EA  | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 315.43                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -18.89                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -26.78                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 40.04                     |                         |
| 08 14 16 00-0153 | EA  | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door  | .....       | 321.03                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -19.17                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -27.20                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 41.21                     |                         |
| 08 14 16 00-0154 | EA  | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 332.00                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -19.86                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -28.16                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 42.38                     |                         |
| 08 14 16 00-0155 | EA  | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 361.62                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -21.34                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -30.38                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 48.60                     |                         |
| 08 14 16 00-0156 | EA  | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 427.11                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -24.75                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -35.42                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 61.21                     |                         |
| 08 14 16 00-0157 | EA  | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 441.67                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -25.47                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -36.52                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 64.27                     |                         |
| 08 14 16 00-0158 | EA  | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door   | .....       | 470.83                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -26.93                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -38.70                    |                         |
|                  |     | For 9' Door Height, Add                                                     | .....       | 70.39                     |                         |
| 08 14 16 00-0159 |     | <b>Oak Faced Wood Doors</b> (08 14 16 00-0127)                              |             |                           |                         |
| 08 14 16 00-0160 | EA  | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door  | .....       | 352.96                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -20.63                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -29.46                    |                         |
| 08 14 16 00-0161 | EA  | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door  | .....       | 352.96                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -20.63                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -29.46                    |                         |
| 08 14 16 00-0162 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door  | .....       | 367.15                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -21.48                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -30.66                    |                         |
| 08 14 16 00-0163 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door  | .....       | 370.44                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -21.64                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -30.90                    |                         |
| 08 14 16 00-0164 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door | .....       | 377.64                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -22.00                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -31.44                    |                         |
| 08 14 16 00-0165 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door  | .....       | 390.23                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                      | .....       | -22.77                    |                         |
|                  |     | For >100, Deduct                                                            | .....       | -32.52                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |     | DESCRIPTION                                                                                                                                             | TOTAL DIRECT                         | DEMOLITION |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|
| CSI              | UOM |                                                                                                                                                         | UNIT COST                            | UNIT COST  |
| 08 14 16 00-0166 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                          | 428.37<br>-24.67<br>-35.38           | 65.10      |
| 08 14 16 00-0167 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                          | 511.20<br>-28.95<br>-41.73           | 67.81      |
| 08 14 16 00-0168 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                          | 529.99<br>-29.89<br>-43.14           | 67.81      |
| 08 14 16 00-0169 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                          | 567.57<br>-31.77<br>-45.96           | 67.81      |
| 08 14 16 00-0170 | EA  | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 366.55<br>-21.31<br>-30.48           | 59.67      |
| 08 14 16 00-0171 | EA  | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 366.56<br>-21.31<br>-30.48           | 59.67      |
| 08 14 16 00-0172 | EA  | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 381.26<br>-22.18<br>-31.71           | 62.39      |
| 08 14 16 00-0173 | EA  | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 384.74<br>-22.36<br>-31.97           | 62.39      |
| 08 14 16 00-0174 | EA  | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 392.35<br>-22.74<br>-32.55           | 62.39      |
| 08 14 16 00-0175 | EA  | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 405.36<br>-23.52<br>-33.66           | 65.10      |
| 08 14 16 00-0176 | EA  | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 445.72<br>-25.54<br>-36.68           | 65.10      |
| 08 14 16 00-0177 | EA  | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 533.06<br>-30.04<br>-43.37           | 67.81      |
| 08 14 16 00-0178 | EA  | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 552.95<br>-31.04<br>-44.86           | 67.81      |
| 08 14 16 00-0179 | EA  | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 592.71<br>-33.03<br>-47.84           | 67.81      |
| 08 14 16 00-0180 | EA  | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 414.74<br>-23.72<br>-34.09<br>62.03  | 59.67      |
| 08 14 16 00-0181 | EA  | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 414.77<br>-23.72<br>-34.09<br>62.04  | 59.67      |
| 08 14 16 00-0182 | EA  | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 431.28<br>-24.68<br>-35.47<br>64.37  | 62.39      |
| 08 14 16 00-0183 | EA  | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 435.42<br>-24.89<br>-35.78<br>65.24  | 62.39      |
| 08 14 16 00-0184 | EA  | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 444.52<br>-25.35<br>-36.46<br>67.15  | 62.39      |
| 08 14 16 00-0185 | EA  | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 459.02<br>-26.21<br>-37.68<br>69.05  | 65.10      |
| 08 14 16 00-0186 | EA  | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 507.27<br>-28.62<br>-41.30<br>79.18  | 65.10      |
| 08 14 16 00-0187 | EA  | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 610.56<br>-33.92<br>-49.18<br>99.74  | 67.81      |
| 08 14 16 00-0188 | EA  | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 634.34<br>-35.11<br>-50.97<br>104.73 | 67.81      |
| 08 14 16 00-0189 | EA  | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 681.85<br>-37.48<br>-54.53<br>114.71 | 67.81      |

08 14 16 00-0190 Maple Faced Wood Doors (08 14 16 00-0127)

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                           | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0191 | EA  | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 345.73                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -20.27                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -28.91                    |                         |
| 08 14 16 00-0192 | EA  | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 345.73                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -20.27                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -28.91                    |                         |
| 08 14 16 00-0193 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 359.65                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -21.10                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -30.09                    |                         |
| 08 14 16 00-0194 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 362.97                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -21.27                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -30.34                    |                         |
| 08 14 16 00-0195 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door | .....       | 369.87                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -21.61                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -30.86                    |                         |
| 08 14 16 00-0196 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 382.18                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -22.36                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -31.92                    |                         |
| 08 14 16 00-0197 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 419.14                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -24.21                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -34.69                    |                         |
| 08 14 16 00-0198 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 481.48                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -27.46                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -39.50                    |                         |
| 08 14 16 00-0199 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 517.78                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -29.28                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -42.22                    |                         |
| 08 14 16 00-0200 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door  | .....       | 554.20                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -31.10                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -44.96                    |                         |
| 08 14 16 00-0201 | EA  | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 358.91                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -20.93                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -29.90                    |                         |
| 08 14 16 00-0202 | EA  | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 358.91                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -20.93                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -29.90                    |                         |
| 08 14 16 00-0203 | EA  | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 373.31                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -21.78                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -31.12                    |                         |
| 08 14 16 00-0204 | EA  | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 376.84                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -21.96                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -31.38                    |                         |
| 08 14 16 00-0205 | EA  | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door    | .....       | 384.12                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -22.33                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -31.93                    |                         |
| 08 14 16 00-0206 | EA  | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 396.83                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -23.10                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -33.02                    |                         |
| 08 14 16 00-0207 | EA  | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 435.95                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -25.05                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -35.95                    |                         |
| 08 14 16 00-0208 | EA  | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 501.51                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -28.47                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -41.00                    |                         |
| 08 14 16 00-0209 | EA  | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 540.04                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -30.39                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -43.89                    |                         |
| 08 14 16 00-0210 | EA  | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 578.55                    | 67.81                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -32.32                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -46.78                    |                         |
| 08 14 16 00-0211 | EA  | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 405.62                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -23.27                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -33.41                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 60.11                     |                         |
| 08 14 16 00-0212 | EA  | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 405.62                    | 59.67                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -23.27                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -33.41                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 60.11                     |                         |
| 08 14 16 00-0213 | EA  | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 421.77                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -24.21                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -34.75                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 62.37                     |                         |
| 08 14 16 00-0214 | EA  | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 425.99                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -24.42                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -35.07                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 63.26                     |                         |
| 08 14 16 00-0215 | EA  | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door    | .....       | 434.67                    | 62.39                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -24.85                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -35.72                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 65.08                     |                         |
| 08 14 16 00-0216 | EA  | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door     | .....       | 448.83                    | 65.10                   |
|                  |     | For >50 To 100, Deduct                                                        | .....       | -25.70                    |                         |
|                  |     | For >100, Deduct                                                              | .....       | -36.92                    |                         |
|                  |     | For 9' Door Height, Add                                                       | .....       | 66.91                     |                         |





|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR                                                       |                                                                                                                                                             | TOTAL DIRECT                         |  | DEMOLITION |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|------------|
| CSI                                                         | UOM DESCRIPTION                                                                                                                                             | UNIT COST                            |  | UNIT COST  |
| 08 14 16 00-0217                                            | EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 495.56<br>-28.03<br>-40.42<br>76.73  |  | 65.10      |
| 08 14 16 00-0218                                            | EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 572.88<br>-32.03<br>-46.36<br>91.82  |  | 67.81      |
| 08 14 16 00-0219                                            | EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 618.91<br>-34.34<br>-49.81<br>101.49 |  | 67.81      |
| 08 14 16 00-0220                                            | EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 664.95<br>-36.64<br>-53.26<br>111.16 |  | 67.81      |
| 08 14 16 00-0221 Walnut Faced Wood Doors (08 14 16 00-0127) |                                                                                                                                                             |                                      |  |            |
| 08 14 16 00-0222                                            | EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 435.82<br>-24.78<br>-35.67           |  | 59.67      |
| 08 14 16 00-0223                                            | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 435.82<br>-24.78<br>-35.67           |  | 59.67      |
| 08 14 16 00-0224                                            | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 443.44<br>-25.29<br>-36.38           |  | 62.39      |
| 08 14 16 00-0225                                            | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 457.47<br>-25.99<br>-37.43           |  | 62.39      |
| 08 14 16 00-0226                                            | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                        | 459.61<br>-26.10<br>-37.59           |  | 62.39      |
| 08 14 16 00-0227                                            | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 467.19<br>-26.61<br>-38.29           |  | 65.10      |
| 08 14 16 00-0228                                            | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 504.80<br>-28.50<br>-41.12           |  | 65.10      |
| 08 14 16 00-0229                                            | EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 607.33<br>-33.76<br>-48.94           |  | 67.81      |
| 08 14 16 00-0230                                            | EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 630.91<br>-34.94<br>-50.71           |  | 67.81      |
| 08 14 16 00-0231                                            | EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                         | 678.12<br>-37.30<br>-54.25           |  | 67.81      |
| 08 14 16 00-0232                                            | EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 454.23<br>-25.70<br>-37.05           |  | 59.67      |
| 08 14 16 00-0233                                            | EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 454.23<br>-25.70<br>-37.05           |  | 59.67      |
| 08 14 16 00-0234                                            | EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 461.99<br>-26.22<br>-37.77           |  | 62.39      |
| 08 14 16 00-0235                                            | EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 476.82<br>-26.96<br>-38.88           |  | 62.39      |
| 08 14 16 00-0236                                            | EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                           | 479.11<br>-27.07<br>-39.05           |  | 62.39      |
| 08 14 16 00-0237                                            | EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 486.80<br>-27.60<br>-39.77           |  | 65.10      |
| 08 14 16 00-0238                                            | EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 526.59<br>-29.58<br>-42.75           |  | 65.10      |
| 08 14 16 00-0239                                            | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 634.78<br>-35.13<br>-51.00           |  | 67.81      |
| 08 14 16 00-0240                                            | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 659.74<br>-36.38<br>-52.87           |  | 67.81      |
| 08 14 16 00-0241                                            | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 709.69<br>-38.88<br>-56.62           |  | 67.81      |
| 08 14 16 00-0242                                            | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 519.53<br>-28.96<br>-41.95<br>84.04  |  | 59.67      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR                                                            | CSI | UOM                                                                          | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------|-----|------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0243                                                 | EA  | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 519.53                    | 59.67                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -28.96                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -41.95                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 84.04                     |                         |
| 08 14 16 00-0244                                                 | EA  | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 527.76                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -29.51                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -42.70                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 84.63                     |                         |
| 08 14 16 00-0245                                                 | EA  | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 545.47                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -30.39                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -44.03                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 88.35                     |                         |
| 08 14 16 00-0246                                                 | EA  | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door  | .....       | 548.20                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -30.53                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -44.23                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 88.92                     |                         |
| 08 14 16 00-0247                                                 | EA  | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 556.33                    | 65.10                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -31.07                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -44.98                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 89.49                     |                         |
| 08 14 16 00-0248                                                 | EA  | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 603.90                    | 65.10                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -33.45                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -48.55                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 99.48                     |                         |
| 08 14 16 00-0249                                                 | EA  | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 732.12                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -40.00                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -58.30                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 125.26                    |                         |
| 08 14 16 00-0250                                                 | EA  | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 761.95                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -41.49                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -60.54                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 131.53                    |                         |
| 08 14 16 00-0251                                                 | EA  | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door   | .....       | 821.61                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -44.47                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -65.01                    |                         |
|                                                                  |     | For 9' Door Height, Add                                                      | .....       | 144.06                    |                         |
| <b>08 14 16 00-0252 Luan Faced Wood Doors (08 14 16 00-0127)</b> |     |                                                                              |             |                           |                         |
| 08 14 16 00-0253                                                 | EA  | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 230.14                    | 59.67                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -14.49                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -20.24                    |                         |
| 08 14 16 00-0254                                                 | EA  | 2'-2" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 230.14                    | 59.67                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -14.49                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -20.24                    |                         |
| 08 14 16 00-0255                                                 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 243.16                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -15.28                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -21.36                    |                         |
| 08 14 16 00-0256                                                 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 249.36                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -15.59                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -21.82                    |                         |
| 08 14 16 00-0257                                                 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door | .....       | 250.59                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -15.65                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -21.91                    |                         |
| 08 14 16 00-0258                                                 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 257.25                    | 65.10                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -16.12                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -22.55                    |                         |
| 08 14 16 00-0259                                                 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 271.21                    | 65.10                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -16.82                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -23.60                    |                         |
| 08 14 16 00-0260                                                 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 294.65                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -18.12                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -25.49                    |                         |
| 08 14 16 00-0261                                                 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 302.58                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -18.52                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -26.08                    |                         |
| 08 14 16 00-0262                                                 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door  | .....       | 318.49                    | 67.81                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -19.32                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -27.28                    |                         |
| 08 14 16 00-0263                                                 | EA  | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door     | .....       | 236.57                    | 59.67                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -14.81                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -20.73                    |                         |
| 08 14 16 00-0264                                                 | EA  | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door     | .....       | 236.57                    | 59.67                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -14.81                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -20.73                    |                         |
| 08 14 16 00-0265                                                 | EA  | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door     | .....       | 250.06                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -15.62                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -21.87                    |                         |
| 08 14 16 00-0266                                                 | EA  | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door     | .....       | 256.62                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -15.95                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -22.37                    |                         |
| 08 14 16 00-0267                                                 | EA  | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door    | .....       | 257.92                    | 62.39                   |
|                                                                  |     | For >50 To 100, Deduct                                                       | .....       | -16.02                    |                         |
|                                                                  |     | For >100, Deduct                                                             | .....       | -22.46                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                             | TOTAL DIRECT                        |  | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                             | UNIT COST                           |  | UNIT COST  |
| 08 14 16 00-0268 | EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 264.64<br>-16.49<br>-23.10          |  | 65.10      |
| 08 14 16 00-0269 | EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 279.42<br>-17.23<br>-24.21          |  | 65.10      |
| 08 14 16 00-0270 | EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 303.89<br>-18.59<br>-26.18          |  | 67.81      |
| 08 14 16 00-0271 | EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 312.29<br>-19.01<br>-26.81          |  | 67.81      |
| 08 14 16 00-0272 | EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 329.12<br>-19.85<br>-28.07          |  | 67.81      |
| 08 14 16 00-0273 | EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 259.43<br>-15.96<br>-22.44<br>29.41 |  | 59.67      |
| 08 14 16 00-0274 | EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 259.43<br>-15.96<br>-22.44<br>29.41 |  | 59.67      |
| 08 14 16 00-0275 | EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 274.48<br>-16.84<br>-23.71<br>31.44 |  | 62.39      |
| 08 14 16 00-0276 | EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 282.32<br>-17.24<br>-24.29<br>33.09 |  | 62.39      |
| 08 14 16 00-0277 | EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 283.88<br>-17.31<br>-24.41<br>33.41 |  | 62.39      |
| 08 14 16 00-0278 | EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 290.86<br>-17.80<br>-25.07<br>33.74 |  | 65.10      |
| 08 14 16 00-0279 | EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 308.53<br>-18.68<br>-26.39<br>37.45 |  | 65.10      |
| 08 14 16 00-0280 | EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 336.69<br>-20.23<br>-28.64<br>42.22 |  | 67.81      |
| 08 14 16 00-0281 | EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 346.74<br>-20.73<br>-29.40<br>44.33 |  | 67.81      |
| 08 14 16 00-0282 | EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 366.85<br>-21.73<br>-30.90<br>48.56 |  | 67.81      |
| 08 14 16 00-0283 | Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0127)                                                                                            |                                     |  |            |
| 08 14 16 00-0284 | EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 247.37<br>-15.35<br>-21.54          |  | 59.67      |
| 08 14 16 00-0285 | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 247.39<br>-15.35<br>-21.54          |  | 59.67      |
| 08 14 16 00-0286 | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 256.34<br>-15.94<br>-22.34          |  | 62.39      |
| 08 14 16 00-0287 | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 263.48<br>-16.29<br>-22.88          |  | 62.39      |
| 08 14 16 00-0288 | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct | 267.05<br>-16.47<br>-23.15          |  | 62.39      |
| 08 14 16 00-0289 | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 275.99<br>-17.05<br>-23.95          |  | 65.10      |
| 08 14 16 00-0290 | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 284.12<br>-17.46<br>-24.56          |  | 65.10      |
| 08 14 16 00-0291 | EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 315.99<br>-19.19<br>-27.09          |  | 67.81      |
| 08 14 16 00-0292 | EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct  | 325.01<br>-19.64<br>-27.77          |  | 67.81      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 16 00-0293 | EA  |     | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                               | 343.07                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -20.54                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -29.12                    |                         |
| 08 14 16 00-0294 | EA  |     | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 254.83                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.73                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -22.10                    |                         |
| 08 14 16 00-0295 | EA  |     | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 254.83                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.73                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -22.10                    |                         |
| 08 14 16 00-0296 | EA  |     | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 263.99                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.32                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -22.92                    |                         |
| 08 14 16 00-0297 | EA  |     | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 271.55                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.70                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -23.49                    |                         |
| 08 14 16 00-0298 | EA  |     | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                 | 275.32                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.89                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -23.77                    |                         |
| 08 14 16 00-0299 | EA  |     | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 284.49                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.48                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -24.59                    |                         |
| 08 14 16 00-0300 | EA  |     | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 293.09                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.91                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -25.24                    |                         |
| 08 14 16 00-0301 | EA  |     | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 326.50                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -19.72                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -27.88                    |                         |
| 08 14 16 00-0302 | EA  |     | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 336.05                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -20.19                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -28.59                    |                         |
| 08 14 16 00-0303 | EA  |     | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 355.13                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -21.15                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -30.03                    |                         |
| 08 14 16 00-0304 | EA  |     | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 281.25                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.05                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -24.08                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 34.00                     |                         |
| 08 14 16 00-0305 | EA  |     | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 281.25                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.05                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -24.08                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 34.00                     |                         |
| 08 14 16 00-0306 | EA  |     | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 291.14                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.68                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -24.95                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 34.94                     |                         |
| 08 14 16 00-0307 | EA  |     | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 300.16                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.13                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -25.63                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 36.83                     |                         |
| 08 14 16 00-0308 | EA  |     | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                 | 304.66                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.35                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -25.97                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 37.78                     |                         |
| 08 14 16 00-0309 | EA  |     | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 314.57                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.98                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -26.85                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 38.72                     |                         |
| 08 14 16 00-0310 | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 324.86                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -19.50                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -27.62                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 40.88                     |                         |
| 08 14 16 00-0311 | EA  |     | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 363.73                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -21.58                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -30.67                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 47.90                     |                         |
| 08 14 16 00-0312 | EA  |     | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 375.13                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -22.15                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -31.53                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 50.30                     |                         |
| 08 14 16 00-0313 | EA  |     | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....                                                                                                  | 397.95                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -23.29                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -33.24                    |                         |
|                  |     |     | For 9' Door Height, Add                                                                                                                                                                                | 55.09                     |                         |
| 08 14 16 00-0314 |     |     | 1-3/8" Thick, Particleboard Core (PC), Wood Doors (08 14 16)                                                                                                                                           |                           |                         |
|                  |     |     | Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. |                           |                         |
| 08 14 16 00-0315 |     |     | Birch Faced Wood Doors (08 14 16 00-0314)                                                                                                                                                              |                           |                         |
| 08 14 16 00-0316 | EA  |     | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                                                                                                               | 273.38                    | 59.67                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                                                                                                                              | -3.08                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 115.52                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 69.31                     |                         |
|                  |     |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.65                    |                         |
|                  |     |     | For >100, Deduct                                                                                                                                                                                       | -23.49                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |     | DESCRIPTION                                                                               | TOTAL DIRECT | DEMOLITION |
|------------------|-----|-------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM |                                                                                           | UNIT COST    | UNIT COST  |
| 08 14 16 00-0317 | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 273.41       | 59.67      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.08        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 115.54       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 69.32        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -16.65       |            |
|                  |     | For >100, Deduct                                                                          | -23.49       |            |
| 08 14 16 00-0318 | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 286.90       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.24        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 121.60       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 72.96        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -17.46       |            |
|                  |     | For >100, Deduct                                                                          | -24.64       |            |
| 08 14 16 00-0319 | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 294.97       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.40        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 127.65       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 76.59        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -17.87       |            |
|                  |     | For >100, Deduct                                                                          | -25.24       |            |
| 08 14 16 00-0320 | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... | 299.90       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.50        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 131.35       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 78.81        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -18.11       |            |
|                  |     | For >100, Deduct                                                                          | -25.61       |            |
| 08 14 16 00-0321 | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 310.28       | 65.10      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.60        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 135.06       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 81.04        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -18.77       |            |
|                  |     | For >100, Deduct                                                                          | -26.53       |            |
| 08 14 16 00-0322 | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 330.04       | 65.10      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -4.00        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 149.88       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 89.93        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -19.76       |            |
|                  |     | For >100, Deduct                                                                          | -28.01       |            |
| 08 14 16 00-0323 | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....  | 348.25       | 67.81      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -4.25        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 159.47       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 95.68        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -20.80       |            |
|                  |     | For >100, Deduct                                                                          | -29.51       |            |
| 08 14 16 00-0324 | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 282.35       | 59.67      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.26        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 122.24       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 73.35        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -17.10       |            |
|                  |     | For >100, Deduct                                                                          | -24.16       |            |
| 08 14 16 00-0325 | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 282.36       | 59.67      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.26        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 122.25       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 73.35        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -17.10       |            |
|                  |     | For >100, Deduct                                                                          | -24.16       |            |
| 08 14 16 00-0326 | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 296.33       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.43        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 128.67       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 77.20        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -17.94       |            |
|                  |     | For >100, Deduct                                                                          | -25.34       |            |
| 08 14 16 00-0327 | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 304.89       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.60        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 135.09       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 81.05        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -18.36       |            |
|                  |     | For >100, Deduct                                                                          | -25.99       |            |
| 08 14 16 00-0328 | EA  | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 310.10       | 62.39      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.71        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 139.00       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 83.40        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -18.62       |            |
|                  |     | For >100, Deduct                                                                          | -26.38       |            |
| 08 14 16 00-0329 | EA  | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 320.76       | 65.10      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -3.81        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 142.92       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 85.75        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -19.29       |            |
|                  |     | For >100, Deduct                                                                          | -27.31       |            |
| 08 14 16 00-0330 | EA  | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....     | 341.67       | 65.10      |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                                 | -4.23        |            |
|                  |     | For Stave Lumber Core (SLC), Add                                                          | 158.60       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                          | 95.16        |            |
|                  |     | For >50 To 100, Deduct                                                                    | -20.34       |            |
|                  |     | For >100, Deduct                                                                          | -28.88       |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI                                            | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST                                        | DEMOLITION<br>UNIT COST |
|------------------|------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------|
| 08 14 16 00-0331 | EA                                             |     | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i>                                    | 360.62<br>-4.50<br>168.74<br>101.25<br>-21.42<br>-30.44          | 67.81                   |
| 08 14 16 00-0332 | EA                                             |     | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 314.15<br>-3.90<br>146.09<br>87.66<br>-18.69<br>-26.55<br>40.91  | 59.67                   |
| 08 14 16 00-0333 | EA                                             |     | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 314.15<br>-3.90<br>146.09<br>87.66<br>-18.69<br>-26.55<br>40.91  | 59.67                   |
| 08 14 16 00-0334 | EA                                             |     | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 329.79<br>-4.10<br>153.77<br>92.26<br>-19.61<br>-27.85<br>43.05  | 62.39                   |
| 08 14 16 00-0335 | EA                                             |     | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 340.01<br>-4.30<br>161.43<br>96.86<br>-20.12<br>-28.62<br>45.20  | 62.39                   |
| 08 14 16 00-0336 | EA                                             |     | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i> | 346.24<br>-4.43<br>166.10<br>99.66<br>-20.43<br>-29.09<br>46.51  | 62.39                   |
| 08 14 16 00-0337 | EA                                             |     | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 357.92<br>-4.55<br>170.79<br>102.47<br>-21.15<br>-30.10<br>47.82 | 65.10                   |
| 08 14 16 00-0338 | EA                                             |     | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 382.91<br>-5.05<br>189.53<br>113.72<br>-22.40<br>-31.97<br>53.07 | 65.10                   |
| 08 14 16 00-0339 | EA                                             |     | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i><br><i>For 9' Door Height, Add</i>  | 404.49<br>-5.38<br>201.65<br>120.99<br>-23.62<br>-33.73<br>56.46 | 67.81                   |
| 08 14 16 00-0340 | <b>Oak Faced Wood Doors</b> (08 14 16 00-0314) |     |                                                                                                                                                                                                                                                                                                                                                       |                                                                  |                         |
| 08 14 16 00-0341 | EA                                             |     | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i>                                   | 379.72<br>-5.21<br>195.27<br>117.16<br>-21.97<br>-31.46          | 59.67                   |
| 08 14 16 00-0342 | EA                                             |     | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i>                                   | 379.72<br>-5.21<br>195.27<br>117.16<br>-21.97<br>-31.46          | 59.67                   |
| 08 14 16 00-0343 | EA                                             |     | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br><i>For 7 Ply Cold Press Construction, Deduct</i><br><i>For Stave Lumber Core (SLC), Add</i><br><i>For Structural Composite Lumber Core (SCLC), Add</i><br><i>For &gt;50 To 100, Deduct</i><br><i>For &gt;100, Deduct</i>                                   | 398.83<br>-5.48<br>205.55<br>123.33<br>-23.06<br>-33.03          | 62.39                   |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR            |     | DESCRIPTION                                                                                                                                                                                                                                                                    | TOTAL DIRECT                                            | DEMOLITION |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------|
| CSI              | UOM |                                                                                                                                                                                                                                                                                | UNIT COST                                               | UNIT COST  |
| 08 14 16 00-0344 | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 412.50<br>-5.75<br>215.80<br>129.48<br>-23.74<br>-34.06 | 62.39      |
| 08 14 16 00-0345 | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct    | 420.83<br>-5.92<br>222.05<br>133.23<br>-24.16<br>-34.68 | 62.39      |
| 08 14 16 00-0346 | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 434.62<br>-6.09<br>228.32<br>136.99<br>-24.99<br>-35.85 | 65.10      |
| 08 14 16 00-0347 | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 468.02<br>-6.76<br>253.37<br>152.02<br>-26.66<br>-38.36 | 65.10      |
| 08 14 16 00-0348 | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 495.03<br>-7.19<br>269.55<br>161.73<br>-28.14<br>-40.52 | 67.81      |
| 08 14 16 00-0349 | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 394.86<br>-5.51<br>206.63<br>123.98<br>-22.73<br>-32.60 | 59.67      |
| 08 14 16 00-0350 | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 394.86<br>-5.51<br>206.63<br>123.98<br>-22.73<br>-32.60 | 59.67      |
| 08 14 16 00-0351 | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 414.80<br>-5.80<br>217.52<br>130.51<br>-23.86<br>-34.23 | 62.39      |
| 08 14 16 00-0352 | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 429.26<br>-6.09<br>228.37<br>137.02<br>-24.58<br>-35.31 | 62.39      |
| 08 14 16 00-0353 | EA  | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct       | 438.06<br>-6.27<br>234.97<br>140.98<br>-25.02<br>-35.97 | 62.39      |
| 08 14 16 00-0354 | EA  | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 452.33<br>-6.44<br>241.60<br>144.96<br>-25.87<br>-37.18 | 65.10      |
| 08 14 16 00-0355 | EA  | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 487.68<br>-7.15<br>268.11<br>160.87<br>-27.64<br>-39.83 | 65.10      |
| 08 14 16 00-0356 | EA  | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct        | 515.96<br>-7.61<br>285.25<br>171.15<br>-29.19<br>-42.09 | 67.81      |
| 08 14 16 00-0357 | EA  | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For 9' Door Height, Add | 448.58<br>-6.58<br>246.92<br>148.15<br>-25.41<br>69.14  | 59.67      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                                  | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|--------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0358 | EA  | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 448.58                    | 59.67                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -6.58                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 246.92                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 148.15                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -25.41                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -36.63                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 69.14                     |                         |
| 08 14 16 00-0359 | EA  | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 471.36                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -6.93                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 259.94                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 155.97                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -26.69                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -38.47                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 72.78                     |                         |
| 08 14 16 00-0360 | EA  | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 486.62                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -7.28                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 272.89                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 163.73                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -27.55                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -39.77                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 76.41                     |                         |
| 08 14 16 00-0361 | EA  | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door      | .....       | 499.14                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -7.49                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 280.78                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 168.47                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -28.08                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -40.55                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 78.62                     |                         |
| 08 14 16 00-0362 | EA  | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 515.16                    | 65.10                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -7.70                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 288.72                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 173.23                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -29.01                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -41.89                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 80.84                     |                         |
| 08 14 16 00-0363 | EA  | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 557.40                    | 65.10                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -8.54                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 320.40                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 192.24                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -31.13                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -45.06                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 89.71                     |                         |
| 08 14 16 00-0364 | EA  | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door       | .....       | 590.13                    | 67.81                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -9.09                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 340.88                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 204.53                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -32.90                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -47.65                    |                         |
|                  |     | For 9' Door Height, Add                                                              | .....       | 95.45                     |                         |
| 08 14 16 00-0365 |     | Maple Faced Wood Doors (08 14 16 00-0364)                                            |             |                           |                         |
| 08 14 16 00-0366 | EA  | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | .....       | 347.43                    | 59.67                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -4.56                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 171.05                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 102.63                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -20.36                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -29.04                    |                         |
| 08 14 16 00-0367 | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | .....       | 347.43                    | 59.67                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -4.56                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 171.05                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 102.63                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -20.36                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -29.04                    |                         |
| 08 14 16 00-0368 | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | .....       | 364.85                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -4.80                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 180.06                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 108.04                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -21.36                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -30.48                    |                         |
| 08 14 16 00-0369 | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | .....       | 376.83                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -5.04                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 189.05                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 113.43                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -21.96                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -31.38                    |                         |
| 08 14 16 00-0370 | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | .....       | 384.10                    | 62.39                   |
|                  |     | For 7 Ply Cold Press Construction, Deduct                                            | .....       | -5.19                     |                         |
|                  |     | For Stave Lumber Core (SLC), Add                                                     | .....       | 194.50                    |                         |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                     | .....       | 116.70                    |                         |
|                  |     | For >50 To 100, Deduct                                                               | .....       | -22.32                    |                         |
|                  |     | For >100, Deduct                                                                     | .....       | -31.93                    |                         |





|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR            |     | DESCRIPTION                                                                                                                                                                                                                                                                  | TOTAL DIRECT                                            | DEMOLITION |
|------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------|
| CSI              | UOM |                                                                                                                                                                                                                                                                              | UNIT COST                                               | UNIT COST  |
| 08 14 16 00-0371 | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 396.86<br>-5.33<br>200.00<br>120.00<br>-23.10<br>-33.02 | 65.10      |
| 08 14 16 00-0372 | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 426.12<br>-5.92<br>221.94<br>133.16<br>-24.56<br>-35.21 | 65.10      |
| 08 14 16 00-0373 | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 450.46<br>-6.30<br>236.12<br>141.67<br>-25.91<br>-37.18 | 67.81      |
| 08 14 16 00-0374 | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 360.69<br>-4.83<br>181.00<br>108.60<br>-21.02<br>-30.04 | 59.67      |
| 08 14 16 00-0375 | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 360.69<br>-4.83<br>181.00<br>108.60<br>-21.02<br>-30.04 | 59.67      |
| 08 14 16 00-0376 | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 378.83<br>-5.08<br>190.55<br>114.33<br>-22.06<br>-31.53 | 62.39      |
| 08 14 16 00-0377 | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 391.51<br>-5.33<br>200.06<br>120.03<br>-22.69<br>-32.48 | 62.39      |
| 08 14 16 00-0378 | EA  | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct    | 399.21<br>-5.49<br>205.83<br>123.50<br>-23.08<br>-33.06 | 62.39      |
| 08 14 16 00-0379 | EA  | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 412.39<br>-5.64<br>211.64<br>126.99<br>-23.87<br>-34.18 | 65.10      |
| 08 14 16 00-0380 | EA  | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 443.35<br>-6.26<br>234.66<br>140.92<br>-25.42<br>-36.51 | 65.10      |
| 08 14 16 00-0381 | EA  | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 468.79<br>-6.66<br>249.87<br>149.92<br>-26.83<br>-38.55 | 67.81      |
| 08 14 16 00-0382 | EA  | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 407.75<br>-5.77<br>216.29<br>129.78<br>-23.37<br>-33.57 | 59.67      |
| 08 14 16 00-0383 | EA  | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 407.75<br>-5.77<br>216.29<br>129.78<br>-23.37<br>-33.57 | 59.67      |
| 08 14 16 00-0384 | EA  | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 428.37<br>-6.07<br>227.70<br>136.62<br>-24.54<br>-35.25 | 62.39      |
|                  |     | For 9' Door Height, Add                                                                                                                                                                                                                                                      | 63.76                                                   |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            |                                           |                                                                                           | TOTAL DIRECT | DEMOLITION |
|------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM                                       | DESCRIPTION                                                                               | UNIT COST    | UNIT COST  |
| 08 14 16 00-0385 | EA                                        | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....     | 443.50       | 62.39      |
|                  |                                           | For 7 Ply Cold Press Construction, Deduct                                                 | -6.37        |            |
|                  |                                           | For Stave Lumber Core (SLC), Add                                                          | 239.05       |            |
|                  |                                           | For Structural Composite Lumber Core (SCLC), Add                                          | 143.43       |            |
|                  |                                           | For >50 To 100, Deduct                                                                    | -25.29       |            |
|                  |                                           | For >100, Deduct                                                                          | -36.38       |            |
|                  |                                           | For 9' Door Height, Add                                                                   | 66.93        |            |
| 08 14 16 00-0386 | EA                                        | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....    | 452.72       | 62.39      |
|                  |                                           | For 7 Ply Cold Press Construction, Deduct                                                 | -6.56        |            |
|                  |                                           | For Stave Lumber Core (SLC), Add                                                          | 245.96       |            |
|                  |                                           | For Structural Composite Lumber Core (SCLC), Add                                          | 147.58       |            |
|                  |                                           | For >50 To 100, Deduct                                                                    | -25.76       |            |
|                  |                                           | For >100, Deduct                                                                          | -37.07       |            |
|                  |                                           | For 9' Door Height, Add                                                                   | 68.87        |            |
| 08 14 16 00-0387 | EA                                        | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....     | 467.41       | 65.10      |
|                  |                                           | For 7 Ply Cold Press Construction, Deduct                                                 | -6.74        |            |
|                  |                                           | For Stave Lumber Core (SLC), Add                                                          | 252.91       |            |
|                  |                                           | For Structural Composite Lumber Core (SCLC), Add                                          | 151.74       |            |
|                  |                                           | For >50 To 100, Deduct                                                                    | -26.63       |            |
|                  |                                           | For >100, Deduct                                                                          | -38.31       |            |
|                  |                                           | For 9' Door Height, Add                                                                   | 70.81        |            |
| 08 14 16 00-0388 | EA                                        | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....     | 504.42       | 65.10      |
|                  |                                           | For 7 Ply Cold Press Construction, Deduct                                                 | -7.48        |            |
|                  |                                           | For Stave Lumber Core (SLC), Add                                                          | 280.67       |            |
|                  |                                           | For Structural Composite Lumber Core (SCLC), Add                                          | 168.40       |            |
|                  |                                           | For >50 To 100, Deduct                                                                    | -28.48       |            |
|                  |                                           | For >100, Deduct                                                                          | -41.09       |            |
|                  |                                           | For 9' Door Height, Add                                                                   | 78.59        |            |
| 08 14 16 00-0389 | EA                                        | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....     | 533.76       | 67.81      |
|                  |                                           | For 7 Ply Cold Press Construction, Deduct                                                 | -7.96        |            |
|                  |                                           | For Stave Lumber Core (SLC), Add                                                          | 298.60       |            |
|                  |                                           | For Structural Composite Lumber Core (SCLC), Add                                          | 179.16       |            |
|                  |                                           | For >50 To 100, Deduct                                                                    | -30.08       |            |
|                  |                                           | For >100, Deduct                                                                          | -43.42       |            |
|                  |                                           | For 9' Door Height, Add                                                                   | 83.61        |            |
| 08 14 16 00-0390 | Lauan Faced Wood Doors (08 14 16 00-0314) |                                                                                           |              |            |
| 08 14 16 00-0391 | EA                                        | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 331.08       | 59.67      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -19.54       |            |
|                  |                                           | For >100, Deduct                                                                          | -27.82       |            |
| 08 14 16 00-0392 | EA                                        | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 331.08       | 59.67      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -19.54       |            |
|                  |                                           | For >100, Deduct                                                                          | -27.82       |            |
| 08 14 16 00-0393 | EA                                        | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 348.07       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -20.52       |            |
|                  |                                           | For >100, Deduct                                                                          | -29.22       |            |
| 08 14 16 00-0394 | EA                                        | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 359.75       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -21.11       |            |
|                  |                                           | For >100, Deduct                                                                          | -30.10       |            |
| 08 14 16 00-0395 | EA                                        | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door..... | 365.61       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -21.40       |            |
|                  |                                           | For >100, Deduct                                                                          | -30.54       |            |
| 08 14 16 00-0396 | EA                                        | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 376.95       | 65.10      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -22.10       |            |
|                  |                                           | For >100, Deduct                                                                          | -31.53       |            |
| 08 14 16 00-0397 | EA                                        | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 404.04       | 65.10      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -23.46       |            |
|                  |                                           | For >100, Deduct                                                                          | -33.56       |            |
| 08 14 16 00-0398 | EA                                        | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....  | 430.94       | 67.81      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -24.94       |            |
|                  |                                           | For >100, Deduct                                                                          | -35.71       |            |
| 08 14 16 00-0399 | EA                                        | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 343.40       | 59.67      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -20.15       |            |
|                  |                                           | For >100, Deduct                                                                          | -28.74       |            |
| 08 14 16 00-0400 | EA                                        | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 343.40       | 59.67      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -20.15       |            |
|                  |                                           | For >100, Deduct                                                                          | -28.74       |            |
| 08 14 16 00-0401 | EA                                        | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 361.09       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -21.17       |            |
|                  |                                           | For >100, Deduct                                                                          | -30.20       |            |
| 08 14 16 00-0402 | EA                                        | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 373.43       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -21.79       |            |
|                  |                                           | For >100, Deduct                                                                          | -31.13       |            |
| 08 14 16 00-0403 | EA                                        | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....    | 379.64       | 62.39      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -22.10       |            |
|                  |                                           | For >100, Deduct                                                                          | -31.59       |            |
| 08 14 16 00-0404 | EA                                        | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 391.29       | 65.10      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -22.82       |            |
|                  |                                           | For >100, Deduct                                                                          | -32.60       |            |
| 08 14 16 00-0405 | EA                                        | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 420.01       | 65.10      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -24.26       |            |
|                  |                                           | For >100, Deduct                                                                          | -34.76       |            |
| 08 14 16 00-0406 | EA                                        | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....     | 448.10       | 67.81      |
|                  |                                           | For >50 To 100, Deduct                                                                    | -25.80       |            |
|                  |                                           | For >100, Deduct                                                                          | -37.00       |            |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR                                                                             |     | DESCRIPTION                                                                                                                                                                                                                                             | TOTAL DIRECT                                   | DEMOLITION |
|-----------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|
| CSI                                                                               | UOM |                                                                                                                                                                                                                                                         | UNIT COST                                      | UNIT COST  |
| 08 14 16 00-0407                                                                  | EA  | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 387.11<br>-22.34<br>-32.02<br>56.23            | 59.67      |
| 08 14 16 00-0408                                                                  | EA  | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 387.11<br>-22.34<br>-32.02<br>56.23            | 59.67      |
| 08 14 16 00-0409                                                                  | EA  | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 407.15<br>-23.48<br>-33.66<br>59.30            | 62.39      |
| 08 14 16 00-0410                                                                  | EA  | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 421.92<br>-24.22<br>-34.76<br>62.40            | 62.39      |
| 08 14 16 00-0411                                                                  | EA  | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                        | 429.35<br>-24.59<br>-35.32<br>63.96            | 62.39      |
| 08 14 16 00-0412                                                                  | EA  | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 442.21<br>-25.37<br>-36.42<br>65.52            | 65.10      |
| 08 14 16 00-0413                                                                  | EA  | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 476.51<br>-27.08<br>-38.99<br>72.73            | 65.10      |
| 08 14 16 00-0414                                                                  | EA  | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add                                                                                         | 509.03<br>-28.84<br>-41.57<br>78.41            | 67.81      |
| 08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0314) |     |                                                                                                                                                                                                                                                         |                                                |            |
| 08 14 16 00-0416                                                                  | EA  | 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 293.15<br>130.34<br>78.21<br>-17.64<br>-24.97  | 59.67      |
| 08 14 16 00-0417                                                                  | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 293.15<br>130.34<br>78.21<br>-17.64<br>-24.97  | 59.67      |
| 08 14 16 00-0418                                                                  | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 308.66<br>137.92<br>82.75<br>-18.55<br>-26.27  | 62.39      |
| 08 14 16 00-0419                                                                  | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 318.73<br>145.47<br>87.28<br>-19.06<br>-27.02  | 62.39      |
| 08 14 16 00-0420                                                                  | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 320.57<br>146.85<br>88.11<br>-19.15<br>-27.16  | 62.39      |
| 08 14 16 00-0421                                                                  | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 327.88<br>148.26<br>88.96<br>-19.65<br>-27.85  | 65.10      |
| 08 14 16 00-0422                                                                  | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 349.69<br>164.62<br>98.77<br>-20.74<br>-29.48  | 65.10      |
| 08 14 16 00-0423                                                                  | EA  | 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 394.88<br>194.44<br>116.66<br>-23.13<br>-33.01 | 67.81      |
| 08 14 16 00-0424                                                                  | EA  | 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 303.27<br>137.93<br>82.76<br>-18.15<br>-25.73  | 59.67      |
| 08 14 16 00-0425                                                                  | EA  | 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For >50 To 100, Deduct<br>For >100, Deduct     | 303.29<br>137.95<br>82.77<br>-18.15<br>-25.73  | 59.67      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            |     |                                                                                                               | TOTAL DIRECT | DEMOLITION |
|------------------|-----|---------------------------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                                   | UNIT COST    | UNIT COST  |
| 08 14 16 00-0426 | EA  | 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 319.37       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 145.95       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 87.57        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -19.09       |            |
|                  |     | For >100, Deduct                                                                                              | -27.07       |            |
| 08 14 16 00-0427 | EA  | 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 330.01       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 153.93       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 92.36        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -19.62       |            |
|                  |     | For >100, Deduct                                                                                              | -27.87       |            |
| 08 14 16 00-0428 | EA  | 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door..... | 331.98       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 155.41       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 93.24        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -19.72       |            |
|                  |     | For >100, Deduct                                                                                              | -28.02       |            |
| 08 14 16 00-0429 | EA  | 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 339.39       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 156.89       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 94.14        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -20.22       |            |
|                  |     | For >100, Deduct                                                                                              | -28.71       |            |
| 08 14 16 00-0430 | EA  | 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 362.46       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 174.20       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 104.52       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -21.38       |            |
|                  |     | For >100, Deduct                                                                                              | -30.44       |            |
| 08 14 16 00-0431 | EA  | 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 409.98       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 205.76       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 123.46       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -23.89       |            |
|                  |     | For >100, Deduct                                                                                              | -34.14       |            |
| 08 14 16 00-0432 | EA  | 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 339.12       | 59.67      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 164.82       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 98.89        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -19.94       |            |
|                  |     | For >100, Deduct                                                                                              | -28.42       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 46.15        |            |
| 08 14 16 00-0433 | EA  | 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 339.15       | 59.67      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 164.84       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 98.91        |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -19.94       |            |
|                  |     | For >100, Deduct                                                                                              | -28.42       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 46.16        |            |
| 08 14 16 00-0434 | EA  | 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 357.31       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 174.41       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 104.64       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -20.98       |            |
|                  |     | For >100, Deduct                                                                                              | -29.92       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 48.83        |            |
| 08 14 16 00-0435 | EA  | 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 370.03       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 183.95       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 110.37       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -21.62       |            |
|                  |     | For >100, Deduct                                                                                              | -30.87       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 51.50        |            |
| 08 14 16 00-0436 | EA  | 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door..... | 372.38       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 185.71       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 111.42       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -21.74       |            |
|                  |     | For >100, Deduct                                                                                              | -31.05       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 52.00        |            |
| 08 14 16 00-0437 | EA  | 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 380.19       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 187.49       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 112.50       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -22.26       |            |
|                  |     | For >100, Deduct                                                                                              | -31.77       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 52.50        |            |
| 08 14 16 00-0438 | EA  | 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 407.77       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 208.18       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 124.91       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -23.64       |            |
|                  |     | For >100, Deduct                                                                                              | -33.84       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 58.29        |            |
| 08 14 16 00-0439 | EA  | 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 463.49       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                              | 245.90       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                              | 147.54       |            |
|                  |     | For >50 To 100, Deduct                                                                                        | -26.57       |            |
|                  |     | For >100, Deduct                                                                                              | -38.15       |            |
|                  |     | For 9' Door Height, Add                                                                                       | 68.85        |            |

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors (08 14 16 00-0440)



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TOTAL DIRECT                                                                                   |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UNIT COST                                                                                      |  | UNIT COST  |
| 08 14 16 00-0442 | EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 306.84<br>-3.75<br>140.61<br>84.37<br>22.50<br>101.24<br>140.61<br>224.98<br>-18.33<br>-26.00  |  | 59.67      |
| 08 14 16 00-0443 | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 306.84<br>-3.75<br>140.61<br>84.37<br>22.50<br>101.24<br>140.61<br>224.98<br>-18.33<br>-26.00  |  | 59.67      |
| 08 14 16 00-0444 | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 302.38<br>-3.55<br>133.21<br>79.92<br>21.31<br>95.91<br>133.21<br>213.13<br>-18.24<br>-25.80   |  | 62.39      |
| 08 14 16 00-0445 | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 309.78<br>-3.70<br>138.76<br>83.25<br>22.20<br>99.91<br>138.76<br>222.01<br>-18.61<br>-26.35   |  | 62.39      |
| 08 14 16 00-0446 | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 314.73<br>-3.80<br>142.47<br>85.48<br>22.80<br>102.58<br>142.47<br>227.95<br>-18.86<br>-26.72  |  | 62.39      |
| 08 14 16 00-0447 | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 325.09<br>-3.90<br>146.17<br>87.70<br>23.39<br>105.24<br>146.17<br>233.87<br>-19.51<br>-27.64  |  | 65.10      |
| 08 14 16 00-0448 | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 346.52<br>-4.33<br>162.24<br>97.34<br>25.96<br>116.81<br>162.24<br>259.58<br>-20.58<br>-29.24  |  | 65.10      |
| 08 14 16 00-0449 | EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 398.26<br>-5.25<br>196.97<br>118.18<br>31.52<br>141.82<br>196.97<br>315.16<br>-23.30<br>-33.26 |  | 67.81      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                              | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 16 00-0450 | EA  |     | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... | 411.39                    | 67.81                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -5.52                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 206.82                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 124.09                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 33.09                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 148.91                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 206.82                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 330.91                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -23.96                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -34.25                    |                         |
| 08 14 16 00-0451 | EA  |     | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... | 448.50                    | 73.24                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -6.04                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 226.52                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 135.91                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 36.24                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 163.09                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 226.52                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 362.42                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -26.09                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -37.30                    |                         |
| 08 14 16 00-0452 | EA  |     | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 297.97                    | 59.67                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -3.57                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 133.96                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 80.37                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 21.43                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 96.45                     |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 133.96                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 214.33                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -17.88                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -25.33                    |                         |
| 08 14 16 00-0453 | EA  |     | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 297.97                    | 59.67                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -3.57                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 133.96                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 80.37                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 21.43                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 96.45                     |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 133.96                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 214.33                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -17.88                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -25.33                    |                         |
| 08 14 16 00-0454 | EA  |     | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 312.72                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -3.76                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 140.96                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 84.58                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 22.55                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 101.49                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 140.96                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 225.54                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -18.76                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -26.57                    |                         |
| 08 14 16 00-0455 | EA  |     | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 320.55                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -3.92                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 146.84                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 88.10                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 23.49                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 105.72                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 146.84                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 234.94                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -19.15                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -27.16                    |                         |
| 08 14 16 00-0456 | EA  |     | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....   | 325.78                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -4.02                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 150.76                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 90.45                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 24.12                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 108.55                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 150.76                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 241.21                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -19.41                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -27.55                    |                         |
| 08 14 16 00-0457 | EA  |     | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....    | 336.42                    | 65.10                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                | -4.12                     |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                         | 154.67                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                         | 92.80                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add             | 24.75                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                   | 111.36                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                   | 154.67                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                   | 247.46                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                   | -20.08                    |                         |
|                  |     |     | For >100, Deduct                                                                         | -28.49                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TOTAL DIRECT                                                                                            |  | DEMOLITION |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UNIT COST                                                                                               |  | UNIT COST  |
| 08 14 16 00-0458 | EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 359.11<br>-4.58<br>171.68<br>103.01<br>27.47<br>123.61<br>171.68<br>274.69<br>-21.21<br>-30.19          |  | 65.10      |
| 08 14 16 00-0459 | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 413.55<br>-5.56<br>208.44<br>125.06<br>33.35<br>150.08<br>208.44<br>333.50<br>-24.07<br>-34.41          |  | 67.81      |
| 08 14 16 00-0460 | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 427.45<br>-5.84<br>218.87<br>131.32<br>35.02<br>157.58<br>218.87<br>350.18<br>-24.76<br>-35.45          |  | 67.81      |
| 08 14 16 00-0461 | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 466.08<br>-6.39<br>239.70<br>143.82<br>38.35<br>172.58<br>239.70<br>383.52<br>-26.97<br>-38.62          |  | 73.24      |
| 08 14 16 00-0462 | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 356.44<br>-4.74<br>177.81<br>106.69<br>28.45<br>128.02<br>177.81<br>284.50<br>-20.81<br>-29.72<br>49.79 |  | 59.67      |
| 08 14 16 00-0463 | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 356.44<br>-4.74<br>177.81<br>106.69<br>28.45<br>128.02<br>177.81<br>284.50<br>-20.81<br>-29.72<br>49.79 |  | 59.67      |
| 08 14 16 00-0464 | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 349.37<br>-4.49<br>168.45<br>101.07<br>26.95<br>121.28<br>168.45<br>269.52<br>-20.59<br>-29.32<br>47.17 |  | 62.39      |
| 08 14 16 00-0465 | EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 358.72<br>-4.68<br>175.46<br>105.28<br>28.07<br>126.33<br>175.46<br>280.74<br>-21.06<br>-30.02<br>49.13 |  | 62.39      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TOTAL DIRECT<br>UNIT COST                                                                               | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------|
| 08 14 16 00-0466 | EA  |     | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 364.97<br>-4.80<br>180.15<br>108.09<br>28.82<br>129.71<br>180.15<br>288.24<br>-21.37<br>-30.49<br>50.44 | 62.39                   |
| 08 14 16 00-0467 | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 376.63<br>-4.93<br>184.82<br>110.89<br>29.57<br>133.07<br>184.82<br>295.72<br>-22.09<br>-31.50<br>51.75 | 65.10                   |
| 08 14 16 00-0468 | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 403.74<br>-5.47<br>205.16<br>123.09<br>32.82<br>147.71<br>205.16<br>328.25<br>-23.44<br>-33.54<br>57.44 | 65.10                   |
| 08 14 16 00-0469 | EA  |     | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 467.74<br>-6.64<br>249.08<br>149.45<br>39.85<br>179.34<br>249.08<br>398.53<br>-26.78<br>-38.47<br>69.74 | 67.81                   |
| 08 14 16 00-0470 | EA  |     | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 484.34<br>-6.97<br>261.53<br>156.92<br>41.85<br>188.30<br>261.53<br>418.45<br>-27.61<br>-39.72<br>73.23 | 67.81                   |
| 08 14 16 00-0471 | EA  |     | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 528.40<br>-7.64<br>286.44<br>171.86<br>45.83<br>206.24<br>286.44<br>458.30<br>-30.08<br>-43.29<br>80.20 | 73.24                   |
| 08 14 16 00-0472 |     |     | <b>Oak Faced Wood Doors</b> (08 14 16 00-0440)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                         |                         |
| 08 14 16 00-0473 | EA  |     | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 466.26<br>-6.94<br>260.18<br>156.11<br>41.63<br>187.33<br>260.18<br>416.28<br>-26.30<br>-37.95          | 59.67                   |





|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL DIRECT                                                                                    |  | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | UNIT COST                                                                                       |  | UNIT COST  |
| 08 14 16 00-0474 | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 466.26<br>-6.94<br>260.18<br>156.11<br>41.63<br>187.33<br>260.18<br>416.28<br>-26.30<br>-37.95  |  | 59.67      |
| 08 14 16 00-0475 | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 471.67<br>-6.94<br>260.18<br>156.11<br>41.63<br>187.33<br>260.18<br>416.28<br>-26.70<br>-38.49  |  | 62.39      |
| 08 14 16 00-0476 | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 475.23<br>-7.01<br>262.85<br>157.71<br>42.06<br>189.25<br>262.85<br>420.55<br>-26.88<br>-38.76  |  | 62.39      |
| 08 14 16 00-0477 | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct | 476.84<br>-7.04<br>264.05<br>158.43<br>42.25<br>190.12<br>264.05<br>422.48<br>-26.96<br>-38.88  |  | 62.39      |
| 08 14 16 00-0478 | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 483.88<br>-7.07<br>265.26<br>159.16<br>42.44<br>190.99<br>265.26<br>424.42<br>-27.45<br>-39.55  |  | 65.10      |
| 08 14 16 00-0479 | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 522.73<br>-7.85<br>294.40<br>176.64<br>47.10<br>211.97<br>294.40<br>471.04<br>-29.39<br>-42.46  |  | 65.10      |
| 08 14 16 00-0480 | EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 628.19<br>-9.85<br>369.42<br>221.65<br>59.11<br>265.98<br>369.42<br>591.07<br>-34.80<br>-50.51  |  | 67.81      |
| 08 14 16 00-0481 | EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct  | 653.17<br>-10.35<br>388.16<br>232.89<br>62.10<br>279.47<br>388.16<br>621.05<br>-36.05<br>-52.38 |  | 67.81      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                            |        |       |
|------------------|--------------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0482 | EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... | 712.94 | 73.24 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -11.33 |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 424.85 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 254.91 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 67.98  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 305.89 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 424.85 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 679.75 |       |
|                  | For >50 To 100, Deduct                                                                     | -39.31 |       |
|                  | For >100, Deduct                                                                           | -57.13 |       |
| 08 14 16 00-0483 | EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 486.43 | 59.67 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.34  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 275.30 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 165.18 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.05  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 198.22 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 275.30 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 440.48 |       |
|                  | For >50 To 100, Deduct                                                                     | -27.31 |       |
|                  | For >100, Deduct                                                                           | -39.47 |       |
| 08 14 16 00-0484 | EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 486.43 | 59.67 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.34  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 275.30 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 165.18 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.05  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 198.22 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 275.30 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 440.48 |       |
|                  | For >50 To 100, Deduct                                                                     | -27.31 |       |
|                  | For >100, Deduct                                                                           | -39.47 |       |
| 08 14 16 00-0485 | EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 491.84 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.34  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 275.30 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 165.18 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.05  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 198.22 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 275.30 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 440.48 |       |
|                  | For >50 To 100, Deduct                                                                     | -27.71 |       |
|                  | For >100, Deduct                                                                           | -40.01 |       |
| 08 14 16 00-0486 | EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 495.61 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.42  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 278.13 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 166.88 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.50  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 200.25 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 278.13 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 445.01 |       |
|                  | For >50 To 100, Deduct                                                                     | -27.90 |       |
|                  | For >100, Deduct                                                                           | -40.29 |       |
| 08 14 16 00-0487 | EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....   | 497.33 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.45  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 279.42 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 167.65 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.71  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 201.18 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 279.42 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 447.07 |       |
|                  | For >50 To 100, Deduct                                                                     | -27.99 |       |
|                  | For >100, Deduct                                                                           | -40.42 |       |
| 08 14 16 00-0488 | EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 504.47 | 65.10 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -7.49  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 280.70 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 168.42 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 44.91  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 202.11 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 280.70 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 449.12 |       |
|                  | For >50 To 100, Deduct                                                                     | -28.48 |       |
|                  | For >100, Deduct                                                                           | -41.09 |       |
| 08 14 16 00-0489 | EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....    | 545.58 | 65.10 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                  | -8.31  |       |
|                  | For Stave Lumber Core (SLC), Add                                                           | 311.54 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                           | 186.92 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add               | 49.85  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                     | 224.31 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                     | 311.54 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                     | 498.46 |       |
|                  | For >50 To 100, Deduct                                                                     | -30.53 |       |
|                  | For >100, Deduct                                                                           | -44.17 |       |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL DIRECT                                                                                            |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UNIT COST                                                                                               |  | UNIT COST  |
| 08 14 16 00-0490 | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 656.87<br>-10.42<br>390.93<br>234.56<br>62.55<br>281.47<br>390.93<br>625.49<br>-36.23<br>-52.66         |  | 67.81      |
| 08 14 16 00-0491 | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 683.28<br>-10.95<br>410.74<br>246.44<br>65.72<br>295.73<br>410.74<br>657.18<br>-37.55<br>-54.64         |  | 67.81      |
| 08 14 16 00-0492 | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                             | 745.89<br>-11.99<br>449.56<br>269.73<br>71.93<br>323.68<br>449.56<br>719.29<br>-40.96<br>-59.60         |  | 73.24      |
| 08 14 16 00-0493 | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 558.00<br>-8.77<br>328.98<br>197.39<br>52.64<br>236.87<br>328.98<br>526.37<br>-30.88<br>-44.83<br>92.11 |  | 59.67      |
| 08 14 16 00-0494 | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 558.00<br>-8.77<br>328.98<br>197.39<br>52.64<br>236.87<br>328.98<br>526.37<br>-30.88<br>-44.83<br>92.11 |  | 59.67      |
| 08 14 16 00-0495 | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 563.41<br>-8.77<br>328.98<br>197.39<br>52.64<br>236.87<br>328.98<br>526.37<br>-31.29<br>-45.38<br>92.11 |  | 62.39      |
| 08 14 16 00-0496 | EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 567.93<br>-8.86<br>332.37<br>199.42<br>53.18<br>239.31<br>332.37<br>531.79<br>-31.52<br>-45.71<br>93.06 |  | 62.39      |
| 08 14 16 00-0497 | EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 569.99<br>-8.90<br>333.92<br>200.35<br>53.43<br>240.42<br>333.92<br>534.26<br>-31.62<br>-45.87<br>93.50 |  | 62.39      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                |        |       |
|------------------|----|--------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0498 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 577.44 | 65.10 |
|                  |    | For 7 Ply Cold Press Construction, Deduct                                      | -8.94  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                               | 335.43 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                               | 201.26 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add   | 53.67  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add         | 241.51 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add         | 335.43 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add         | 536.69 |       |
|                  |    | For >50 To 100, Deduct                                                         | -32.13 |       |
|                  |    | For >100, Deduct                                                               | -46.56 |       |
|                  |    | For 9' Door Height, Add                                                        | 93.92  |       |
| 08 14 16 00-0499 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 626.56 | 65.10 |
|                  |    | For 7 Ply Cold Press Construction, Deduct                                      | -9.93  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                               | 372.27 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                               | 223.36 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add   | 59.56  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add         | 268.03 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add         | 372.27 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add         | 595.63 |       |
|                  |    | For >50 To 100, Deduct                                                         | -34.58 |       |
|                  |    | For >100, Deduct                                                               | -50.25 |       |
|                  |    | For 9' Door Height, Add                                                        | 104.24 |       |
| 08 14 16 00-0500 | EA | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 758.51 | 67.81 |
|                  |    | For 7 Ply Cold Press Construction, Deduct                                      | -12.46 |       |
|                  |    | For Stave Lumber Core (SLC), Add                                               | 467.16 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                               | 280.30 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add   | 74.75  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add         | 336.36 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add         | 467.16 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add         | 747.46 |       |
|                  |    | For >50 To 100, Deduct                                                         | -41.32 |       |
|                  |    | For >100, Deduct                                                               | -60.28 |       |
|                  |    | For 9' Door Height, Add                                                        | 130.80 |       |
| 08 14 16 00-0501 | EA | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 790.06 | 67.81 |
|                  |    | For 7 Ply Cold Press Construction, Deduct                                      | -13.09 |       |
|                  |    | For Stave Lumber Core (SLC), Add                                               | 490.82 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                               | 294.49 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add   | 78.53  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add         | 353.39 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add         | 490.82 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add         | 785.32 |       |
|                  |    | For >50 To 100, Deduct                                                         | -42.89 |       |
|                  |    | For >100, Deduct                                                               | -62.65 |       |
|                  |    | For 9' Door Height, Add                                                        | 137.43 |       |
| 08 14 16 00-0502 | EA | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 862.78 | 73.24 |
|                  |    | For 7 Ply Cold Press Construction, Deduct                                      | -14.33 |       |
|                  |    | For Stave Lumber Core (SLC), Add                                               | 537.23 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                               | 322.34 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add   | 85.96  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add         | 386.80 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add         | 537.23 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add         | 859.56 |       |
|                  |    | For >50 To 100, Deduct                                                         | -46.80 |       |
|                  |    | For >100, Deduct                                                               | -68.37 |       |
|                  |    | For 9' Door Height, Add                                                        | 150.42 |       |

**08 14 16 00-0503 Mahogany Faced Wood Doors (08 14 16 00-0440)**

|                  |    |                                                                                         |        |       |
|------------------|----|-----------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0504 | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 516.00 | 59.67 |
| 08 14 16 00-0505 | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 516.00 | 59.67 |
| 08 14 16 00-0506 | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 521.41 | 62.39 |
| 08 14 16 00-0507 | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 525.49 | 62.39 |
| 08 14 16 00-0508 | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door | 527.34 | 62.39 |
| 08 14 16 00-0509 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 534.62 | 65.10 |
| 08 14 16 00-0510 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 579.01 | 65.10 |
| 08 14 16 00-0511 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 698.83 | 67.81 |
| 08 14 16 00-0512 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 727.40 | 67.81 |
| 08 14 16 00-0513 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door  | 783.31 | 67.81 |
| 08 14 16 00-0514 | EA | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 539.09 | 59.67 |
| 08 14 16 00-0515 | EA | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 539.09 | 59.67 |
| 08 14 16 00-0516 | EA | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 544.50 | 62.39 |
| 08 14 16 00-0517 | EA | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 548.82 | 62.39 |
| 08 14 16 00-0518 | EA | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door    | 550.77 | 62.39 |
| 08 14 16 00-0519 | EA | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 558.15 | 65.10 |
| 08 14 16 00-0520 | EA | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 605.15 | 65.10 |
| 08 14 16 00-0521 | EA | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 731.62 | 67.81 |
| 08 14 16 00-0522 | EA | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 761.93 | 67.81 |
| 08 14 16 00-0523 | EA | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 821.00 | 67.81 |
| 08 14 16 00-0524 | EA | 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 620.90 | 59.67 |
| 08 14 16 00-0525 | EA | 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 620.90 | 59.67 |
| 08 14 16 00-0526 | EA | 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 626.31 | 62.39 |
| 08 14 16 00-0527 | EA | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 631.48 | 62.39 |
| 08 14 16 00-0528 | EA | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door    | 633.84 | 62.39 |
| 08 14 16 00-0529 | EA | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 641.57 | 65.10 |
| 08 14 16 00-0530 | EA | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door     | 697.75 | 65.10 |



|  |  |                         |              |           |
|--|--|-------------------------|--------------|-----------|
|  |  | <b>Openings</b>         | <b>08</b>    | <b>08</b> |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |           |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |           |

| MINOR                                                      |                                                                                               | TOTAL DIRECT |           | DEMOLITION |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI                                                        | UOM DESCRIPTION                                                                               | UNIT COST    | UNIT COST |            |
| 08 14 16 00-0531                                           | EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....   | 847.85       |           | 67.81      |
| 08 14 16 00-0532                                           | EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....   | 883.93       |           | 67.81      |
| 08 14 16 00-0533                                           | EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....   | 954.67       |           | 67.81      |
| 08 14 16 00-0534 Maple Faced Wood Doors (08 14 16 00-0440) |                                                                                               |              |           |            |
| 08 14 16 00-0535                                           | EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 423.23       |           | 59.67      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.08        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 227.90       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 136.74       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 36.46        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 164.09       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 227.90       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 364.64       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -24.15       |           |            |
|                                                            | For >100, Deduct                                                                              | -34.73       |           |            |
| 08 14 16 00-0536                                           | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 423.23       |           | 59.67      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.08        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 227.90       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 136.74       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 36.46        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 164.09       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 227.90       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 364.64       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -24.15       |           |            |
|                                                            | For >100, Deduct                                                                              | -34.73       |           |            |
| 08 14 16 00-0537                                           | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 428.64       |           | 62.39      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.08        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 227.90       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 136.74       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 36.46        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 164.09       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 227.90       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 364.64       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -24.55       |           |            |
|                                                            | For >100, Deduct                                                                              | -35.27       |           |            |
| 08 14 16 00-0538                                           | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 431.77       |           | 62.39      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.14        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 230.25       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 138.15       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 36.84        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 165.78       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 230.25       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 368.40       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -24.71       |           |            |
|                                                            | For >100, Deduct                                                                              | -35.50       |           |            |
| 08 14 16 00-0539                                           | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... | 433.17       |           | 62.39      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.17        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 231.30       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 138.78       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 37.01        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 166.54       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 231.30       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 370.08       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -24.78       |           |            |
|                                                            | For >100, Deduct                                                                              | -35.61       |           |            |
| 08 14 16 00-0540                                           | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 440.02       |           | 65.10      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.20        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 232.37       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 139.42       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 37.18        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 167.30       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 232.37       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 371.78       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -25.26       |           |            |
|                                                            | For >100, Deduct                                                                              | -36.26       |           |            |
| 08 14 16 00-0541                                           | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 474.06       |           | 65.10      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -6.88        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 257.90       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 154.74       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 41.26        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 185.68       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 257.90       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 412.63       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -26.96       |           |            |
|                                                            | For >100, Deduct                                                                              | -38.81       |           |            |
| 08 14 16 00-0542                                           | EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....  | 545.54       |           | 67.81      |
|                                                            | For 7 Ply Cold Press Construction, Deduct                                                     | -8.20        |           |            |
|                                                            | For Stave Lumber Core (SLC), Add                                                              | 307.43       |           |            |
|                                                            | For Structural Composite Lumber Core (SCLC), Add                                              | 184.46       |           |            |
|                                                            | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 49.19        |           |            |
|                                                            | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 221.35       |           |            |
|                                                            | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 307.43       |           |            |
|                                                            | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 491.89       |           |            |
|                                                            | For >50 To 100, Deduct                                                                        | -30.67       |           |            |
|                                                            | For >100, Deduct                                                                              | -44.31       |           |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                                                              |        |       |
|------------------|----------------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0543 | EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... | 588.67 | 67.81 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -9.06  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 339.78 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 203.87 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 54.36  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 244.64 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 339.78 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 543.65 |       |
|                  | For >50 To 100, Deduct                                                                       | -32.82 |       |
|                  | For >100, Deduct                                                                             | -47.54 |       |
| 08 14 16 00-0544 | EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... | 631.86 | 67.81 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -9.92  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 372.17 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 223.30 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 59.55  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 267.96 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 372.17 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 595.48 |       |
|                  | For >50 To 100, Deduct                                                                       | -34.98 |       |
|                  | For >100, Deduct                                                                             | -50.78 |       |
| 08 14 16 00-0545 | EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....    | 440.91 | 59.67 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.43  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 241.16 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 144.70 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 38.59  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 173.64 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 241.16 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 385.86 |       |
|                  | For >50 To 100, Deduct                                                                       | -25.03 |       |
|                  | For >100, Deduct                                                                             | -36.05 |       |
| 08 14 16 00-0546 | EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....    | 440.91 | 59.67 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.43  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 241.16 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 144.70 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 38.59  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 173.64 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 241.16 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 385.86 |       |
|                  | For >50 To 100, Deduct                                                                       | -25.03 |       |
|                  | For >100, Deduct                                                                             | -36.05 |       |
| 08 14 16 00-0547 | EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....    | 446.32 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.43  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 241.16 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 144.70 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 38.59  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 173.64 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 241.16 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 385.86 |       |
|                  | For >50 To 100, Deduct                                                                       | -25.44 |       |
|                  | For >100, Deduct                                                                             | -36.59 |       |
| 08 14 16 00-0548 | EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....    | 449.62 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.50  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 243.64 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 146.18 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 38.98  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 175.42 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 243.64 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 389.82 |       |
|                  | For >50 To 100, Deduct                                                                       | -25.60 |       |
|                  | For >100, Deduct                                                                             | -36.84 |       |
| 08 14 16 00-0549 | EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....   | 451.12 | 62.39 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.53  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 244.76 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 146.86 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 39.16  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 176.23 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 244.76 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 391.62 |       |
|                  | For >50 To 100, Deduct                                                                       | -25.68 |       |
|                  | For >100, Deduct                                                                             | -36.95 |       |
| 08 14 16 00-0550 | EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....    | 458.05 | 65.10 |
|                  | For 7 Ply Cold Press Construction, Deduct                                                    | -6.56  |       |
|                  | For Stave Lumber Core (SLC), Add                                                             | 245.89 |       |
|                  | For Structural Composite Lumber Core (SCLC), Add                                             | 147.53 |       |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                 | 39.34  |       |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                       | 177.04 |       |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                       | 245.89 |       |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                       | 393.42 |       |
|                  | For >50 To 100, Deduct                                                                       | -26.16 |       |
|                  | For >100, Deduct                                                                             | -37.61 |       |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TOTAL DIRECT                                                                                            |       | DEMOLITION |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | UNIT COST                                                                                               |       | UNIT COST  |
| 08 14 16 00-0551    | EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 494.07<br>-7.28<br>272.90<br>163.74<br>43.66<br>196.49<br>272.90<br>436.64<br>-27.96<br>-40.31          | 65.10 |            |
| 08 14 16 00-0552    | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 569.39<br>-8.68<br>325.32<br>195.19<br>52.05<br>234.23<br>325.32<br>520.51<br>-31.86<br>-46.10          | 67.81 |            |
| 08 14 16 00-0553    | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 615.06<br>-9.59<br>359.57<br>215.74<br>57.53<br>258.89<br>359.57<br>575.32<br>-34.14<br>-49.52          | 67.81 |            |
| 08 14 16 00-0554    | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 660.75<br>-10.50<br>393.84<br>236.30<br>63.01<br>283.56<br>393.84<br>630.14<br>-36.43<br>-52.95         | 67.81 |            |
| 08 14 16 00-0555    | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 503.61<br>-7.69<br>288.19<br>172.91<br>46.11<br>207.50<br>288.19<br>461.10<br>-28.16<br>-40.75<br>80.69 | 59.67 |            |
| 08 14 16 00-0556    | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 503.61<br>-7.69<br>288.19<br>172.91<br>46.11<br>207.50<br>288.19<br>461.10<br>-28.16<br>-40.75<br>80.69 | 59.67 |            |
| 08 14 16 00-0557    | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 509.02<br>-7.69<br>288.19<br>172.91<br>46.11<br>207.50<br>288.19<br>461.10<br>-28.57<br>-41.30<br>80.69 | 62.39 |            |
| 08 14 16 00-0558    | EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 512.97<br>-7.76<br>291.15<br>174.69<br>46.58<br>209.63<br>291.15<br>465.84<br>-28.77<br>-41.59<br>81.52 | 62.39 |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |                                                   |                                                                                             |        |       |
|------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0559 | EA                                                | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....      | 514.77 | 62.39 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -7.80  |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 292.50 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 175.50 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 46.80  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 210.60 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 292.50 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 468.00 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -28.86 |       |
|                  |                                                   | For >100, Deduct                                                                            | -41.73 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 81.90  |       |
| 08 14 16 00-0560 | EA                                                | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....       | 521.98 | 65.10 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -7.84  |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 293.84 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 176.30 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 47.01  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 211.56 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 293.84 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 470.14 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -29.35 |       |
|                  |                                                   | For >100, Deduct                                                                            | -42.40 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 82.27  |       |
| 08 14 16 00-0561 | EA                                                | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....       | 565.01 | 65.10 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -8.70  |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 326.11 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 195.66 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 52.18  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 234.80 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 326.11 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 521.77 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -31.51 |       |
|                  |                                                   | For >100, Deduct                                                                            | -45.63 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 91.31  |       |
| 08 14 16 00-0562 | EA                                                | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....       | 653.97 | 67.81 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -10.37 |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 388.76 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 233.25 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 62.20  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 279.90 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 388.76 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 622.01 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -36.09 |       |
|                  |                                                   | For >100, Deduct                                                                            | -52.44 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 108.85 |       |
| 08 14 16 00-0563 | EA                                                | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....       | 708.54 | 67.81 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -11.46 |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 429.68 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 257.81 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 68.75  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 309.37 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 429.68 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 687.49 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -38.82 |       |
|                  |                                                   | For >100, Deduct                                                                            | -56.53 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 120.31 |       |
| 08 14 16 00-0564 | EA                                                | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....       | 763.13 | 67.81 |
|                  |                                                   | For 7 Ply Cold Press Construction, Deduct                                                   | -12.55 |       |
|                  |                                                   | For Stave Lumber Core (SLC), Add                                                            | 470.63 |       |
|                  |                                                   | For Structural Composite Lumber Core (SCLC), Add                                            | 282.38 |       |
|                  |                                                   | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                | 75.30  |       |
|                  |                                                   | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                      | 338.85 |       |
|                  |                                                   | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                      | 470.63 |       |
|                  |                                                   | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                      | 753.00 |       |
|                  |                                                   | For >50 To 100, Deduct                                                                      | -41.55 |       |
|                  |                                                   | For >100, Deduct                                                                            | -60.63 |       |
|                  |                                                   | For 9' Door Height, Add                                                                     | 131.78 |       |
| 08 14 16 00-0565 | <b>Cherry Faced Wood Doors (08 14 16 00-0440)</b> |                                                                                             |        |       |
| 08 14 16 00-0566 | EA                                                | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 585.99 | 59.67 |
| 08 14 16 00-0567 | EA                                                | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 585.99 | 59.67 |
| 08 14 16 00-0568 | EA                                                | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 591.40 | 62.39 |
| 08 14 16 00-0569 | EA                                                | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 596.19 | 62.39 |
| 08 14 16 00-0570 | EA                                                | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door ..... | 598.39 | 62.39 |
| 08 14 16 00-0571 | EA                                                | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 605.98 | 65.10 |
| 08 14 16 00-0572 | EA                                                | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 658.22 | 65.10 |
| 08 14 16 00-0573 | EA                                                | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 798.21 | 67.81 |
| 08 14 16 00-0574 | EA                                                | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 831.82 | 67.81 |
| 08 14 16 00-0575 | EA                                                | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....  | 897.63 | 67.81 |
| 08 14 16 00-0576 | EA                                                | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 613.15 | 59.67 |
| 08 14 16 00-0577 | EA                                                | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 613.15 | 59.67 |
| 08 14 16 00-0578 | EA                                                | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 618.56 | 62.39 |
| 08 14 16 00-0579 | EA                                                | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 623.63 | 62.39 |
| 08 14 16 00-0580 | EA                                                | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....    | 625.93 | 62.39 |
| 08 14 16 00-0581 | EA                                                | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 633.66 | 65.10 |
| 08 14 16 00-0582 | EA                                                | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door .....     | 688.98 | 65.10 |





|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR                                                       |                                                                                               | TOTAL DIRECT |  | DEMOLITION |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI                                                         | UOM DESCRIPTION                                                                               | UNIT COST    |  | UNIT COST  |
| 08 14 16 00-0583                                            | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 836.79       |  | 67.81      |
| 08 14 16 00-0584                                            | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 872.45       |  | 67.81      |
| 08 14 16 00-0585                                            | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 941.96       |  | 67.81      |
| 08 14 16 00-0586                                            | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 709.42       |  | 59.67      |
| 08 14 16 00-0587                                            | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 709.42       |  | 59.67      |
| 08 14 16 00-0588                                            | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 714.83       |  | 62.39      |
| 08 14 16 00-0589                                            | EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 720.93       |  | 62.39      |
| 08 14 16 00-0590                                            | EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....    | 723.67       |  | 62.39      |
| 08 14 16 00-0591                                            | EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 731.84       |  | 65.10      |
| 08 14 16 00-0592                                            | EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 797.92       |  | 65.10      |
| 08 14 16 00-0593                                            | EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 973.51       |  | 67.81      |
| 08 14 16 00-0594                                            | EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 1,015.96     |  | 67.81      |
| 08 14 16 00-0595                                            | EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....     | 1,099.20     |  | 67.81      |
| 08 14 16 00-0596 Walnut Faced Wood Doors (08 14 16 00-0440) |                                                                                               |              |  |            |
| 08 14 16 00-0597                                            | EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 651.59       |  | 59.67      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -10.64       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 399.17       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 239.50       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 63.87        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 287.40       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 399.17       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 638.68       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -35.56       |  |            |
|                                                             | For >100, Deduct                                                                              | -51.85       |  |            |
| 08 14 16 00-0598                                            | EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 651.59       |  | 59.67      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -10.64       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 399.17       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 239.50       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 63.87        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 287.40       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 399.17       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 638.68       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -35.56       |  |            |
|                                                             | For >100, Deduct                                                                              | -51.85       |  |            |
| 08 14 16 00-0599                                            | EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 657.17       |  | 62.39      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -10.65       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 399.30       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 239.58       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 63.89        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 287.50       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 399.30       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 638.88       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -35.98       |  |            |
|                                                             | For >100, Deduct                                                                              | -52.41       |  |            |
| 08 14 16 00-0600                                            | EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 662.65       |  | 62.39      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -10.76       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 403.41       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 242.05       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 64.55        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 290.46       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 403.41       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 645.46       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -36.25       |  |            |
|                                                             | For >100, Deduct                                                                              | -52.82       |  |            |
| 08 14 16 00-0601                                            | EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... | 677.01       |  | 62.39      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -11.04       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 414.18       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 248.51       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 66.27        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 298.21       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 414.18       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 662.69       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -36.97       |  |            |
|                                                             | For >100, Deduct                                                                              | -53.90       |  |            |
| 08 14 16 00-0602                                            | EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 696.76       |  | 65.10      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -11.33       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 424.92       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 254.95       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 67.99        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 305.94       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 424.92       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 679.87       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -38.09       |  |            |
|                                                             | For >100, Deduct                                                                              | -55.51       |  |            |
| 08 14 16 00-0603                                            | EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....  | 733.96       |  | 65.10      |
|                                                             | For 7 Ply Cold Press Construction, Deduct                                                     | -12.08       |  |            |
|                                                             | For Stave Lumber Core (SLC), Add                                                              | 452.82       |  |            |
|                                                             | For Structural Composite Lumber Core (SCLC), Add                                              | 271.69       |  |            |
|                                                             | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                  | 72.45        |  |            |
|                                                             | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                        | 326.03       |  |            |
|                                                             | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                        | 452.82       |  |            |
|                                                             | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                        | 724.51       |  |            |
|                                                             | For >50 To 100, Deduct                                                                        | -39.95       |  |            |
|                                                             | For >100, Deduct                                                                              | -58.30       |  |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 16 00-0604 | EA  |     | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... | 896.43                    | 67.81                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -15.22                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 570.60                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 342.36                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 91.30                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 410.83                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 570.60                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 912.96                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -48.21                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -70.62                    |                         |
| 08 14 16 00-0605 | EA  |     | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... | 934.46                    | 67.81                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -15.98                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 599.12                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 359.47                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 95.86                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 431.37                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 599.12                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 958.60                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -50.11                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -73.48                    |                         |
| 08 14 16 00-0606 | EA  |     | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... | 1,010.58                  | 67.81                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -17.50                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 656.21                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 393.73                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 104.99                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 472.47                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 656.21                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 1,049.94                  |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -53.92                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -79.18                    |                         |
| 08 14 16 00-0607 | EA  |     | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....    | 682.56                    | 59.67                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -11.26                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 422.40                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 253.44                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 67.58                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 304.13                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 422.40                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 675.84                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -37.11                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -54.18                    |                         |
| 08 14 16 00-0608 | EA  |     | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....    | 682.56                    | 59.67                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -11.26                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 422.40                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 253.44                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 67.58                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 304.13                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 422.40                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 675.84                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -37.11                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -54.18                    |                         |
| 08 14 16 00-0609 | EA  |     | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....    | 688.14                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -11.27                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 422.53                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 253.52                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 67.60                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 304.22                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 422.53                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 676.04                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -37.53                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -54.73                    |                         |
| 08 14 16 00-0610 | EA  |     | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....    | 693.97                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -11.38                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 426.90                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 256.14                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 68.30                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 307.37                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 426.90                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 683.04                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -37.82                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -55.17                    |                         |
| 08 14 16 00-0611 | EA  |     | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....   | 709.14                    | 62.39                   |
|                  |     |     | For 7 Ply Cold Press Construction, Deduct                                                 | -11.69                    |                         |
|                  |     |     | For Stave Lumber Core (SLC), Add                                                          | 438.28                    |                         |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add                                          | 262.97                    |                         |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add              | 70.12                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                    | 315.56                    |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                    | 438.28                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                    | 701.24                    |                         |
|                  |     |     | For >50 To 100, Deduct                                                                    | -38.58                    |                         |
|                  |     |     | For >100, Deduct                                                                          | -56.30                    |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TOTAL DIRECT                                                                                              |  | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT COST                                                                                                 |  | UNIT COST  |
| 08 14 16 00-0612 | EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 729.72<br>-11.99<br>449.64<br>269.78<br>71.94<br>323.74<br>449.64<br>719.42<br>-39.74<br>-57.98           |  | 65.10      |
| 08 14 16 00-0613 | EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 769.11<br>-12.78<br>479.18<br>287.51<br>76.67<br>345.01<br>479.18<br>766.69<br>-41.71<br>-60.94           |  | 65.10      |
| 08 14 16 00-0614 | EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 940.69<br>-16.10<br>603.80<br>362.28<br>96.61<br>434.73<br>603.80<br>966.07<br>-50.43<br>-73.94           |  | 67.81      |
| 08 14 16 00-0615 | EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 980.95<br>-16.91<br>633.99<br>380.39<br>101.44<br>456.47<br>633.99<br>1,014.38<br>-52.44<br>-76.96        |  | 67.81      |
| 08 14 16 00-0616 | EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                            | 1,061.49<br>-18.52<br>694.40<br>416.64<br>111.10<br>499.96<br>694.40<br>1,111.03<br>-56.47<br>-83.00      |  | 67.81      |
| 08 14 16 00-0617 | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 792.39<br>-13.46<br>504.77<br>302.86<br>80.76<br>363.44<br>504.77<br>807.64<br>-42.60<br>-62.41<br>141.34 |  | 59.67      |
| 08 14 16 00-0618 | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 792.39<br>-13.46<br>504.77<br>302.86<br>80.76<br>363.44<br>504.77<br>807.64<br>-42.60<br>-62.41<br>141.34 |  | 59.67      |
| 08 14 16 00-0619 | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 798.01<br>-13.46<br>504.93<br>302.96<br>80.79<br>363.55<br>504.93<br>807.89<br>-43.02<br>-62.97<br>141.38 |  | 62.39      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST                                                                                      | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------|
| 08 14 16 00-0620 | EA  |     | 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 804.96<br>-13.60<br>510.14<br>306.09<br>81.62<br>367.30<br>510.14<br>816.23<br>-43.37<br>-63.49<br>142.84      | 62.39                   |
| 08 14 16 00-0621 | EA  |     | 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 823.09<br>-13.97<br>523.74<br>314.24<br>83.80<br>377.09<br>523.74<br>837.98<br>-44.27<br>-64.85<br>146.65      | 62.39                   |
| 08 14 16 00-0622 | EA  |     | 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 846.64<br>-14.33<br>537.33<br>322.40<br>85.97<br>386.88<br>537.33<br>859.73<br>-45.59<br>-66.75<br>150.45      | 65.10                   |
| 08 14 16 00-0623 | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 893.71<br>-15.27<br>572.63<br>343.58<br>91.62<br>412.30<br>572.63<br>916.21<br>-47.94<br>-70.28<br>160.34      | 65.10                   |
| 08 14 16 00-0624 | EA  |     | 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 1,097.70<br>-19.24<br>721.55<br>432.93<br>115.45<br>519.52<br>721.55<br>1,154.48<br>-58.28<br>-85.72<br>202.03 | 67.81                   |
| 08 14 16 00-0625 | EA  |     | 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 1,145.80<br>-20.20<br>757.63<br>454.58<br>121.22<br>545.49<br>757.63<br>1,212.20<br>-60.68<br>-89.33<br>212.14 | 67.81                   |
| 08 14 16 00-0626 | EA  |     | 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door .....<br>For 7 Ply Cold Press Construction, Deduct<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 1,242.03<br>-22.13<br>829.80<br>497.88<br>132.77<br>597.46<br>829.80<br>1,327.68<br>-65.49<br>-96.54<br>232.34 | 67.81                   |
| 08 14 16 00-0627 |     |     | <b>Lauan Faced Wood Doors</b> (08 14 16 00-0440)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |                         |
| 08 14 16 00-0628 | EA  |     | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                                                | 407.56<br>34.58<br>155.63<br>216.15<br>345.84<br>-23.36<br>-33.55                                              | 59.67                   |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR            |     |                                                                                      | TOTAL DIRECT | DEMOLITION |
|------------------|-----|--------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                          | UNIT COST    | UNIT COST  |
| 08 14 16 00-0629 | EA  | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 407.56       | 59.67      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 34.58        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 155.63       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 216.15       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 345.84       |            |
|                  |     | For >50 To 100, Deduct                                                               | -23.36       |            |
|                  |     | For >100, Deduct                                                                     | -33.55       |            |
| 08 14 16 00-0630 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 413.80       | 62.39      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 34.68        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 156.08       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 216.77       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 346.84       |            |
|                  |     | For >50 To 100, Deduct                                                               | -23.81       |            |
|                  |     | For >100, Deduct                                                                     | -34.15       |            |
| 08 14 16 00-0631 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 422.11       | 62.39      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 35.68        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 160.56       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 223.07       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 356.81       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.22       |            |
|                  |     | For >100, Deduct                                                                     | -34.78       |            |
| 08 14 16 00-0632 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | 425.11       | 62.39      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 36.04        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 162.18       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 225.26       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 360.41       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.37       |            |
|                  |     | For >100, Deduct                                                                     | -35.00       |            |
| 08 14 16 00-0633 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 433.54       | 65.10      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 36.40        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 163.80       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 227.51       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 364.01       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.93       |            |
|                  |     | For >100, Deduct                                                                     | -35.77       |            |
| 08 14 16 00-0634 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 460.95       | 65.10      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 39.69        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 178.61       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 248.06       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 396.90       |            |
|                  |     | For >50 To 100, Deduct                                                               | -26.30       |            |
|                  |     | For >100, Deduct                                                                     | -37.83       |            |
| 08 14 16 00-0635 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 489.97       | 67.81      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 42.52        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 191.34       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 265.76       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 425.21       |            |
|                  |     | For >50 To 100, Deduct                                                               | -27.89       |            |
|                  |     | For >100, Deduct                                                                     | -40.14       |            |
| 08 14 16 00-0636 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 507.69       | 67.81      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 44.65        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 200.91       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 279.05       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 446.47       |            |
|                  |     | For >50 To 100, Deduct                                                               | -28.78       |            |
|                  |     | For >100, Deduct                                                                     | -41.47       |            |
| 08 14 16 00-0637 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | 543.14       | 67.81      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 48.90        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 220.06       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 305.63       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 489.01       |            |
|                  |     | For >50 To 100, Deduct                                                               | -30.55       |            |
|                  |     | For >100, Deduct                                                                     | -44.13       |            |
| 08 14 16 00-0638 | EA  | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door     | 424.32       | 59.67      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 36.60        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 164.68       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 228.72       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 365.95       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.20       |            |
|                  |     | For >100, Deduct                                                                     | -34.81       |            |
| 08 14 16 00-0639 | EA  | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door     | 424.31       | 59.67      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 36.59        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 164.67       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 228.71       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 365.94       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.20       |            |
|                  |     | For >100, Deduct                                                                     | -34.81       |            |
| 08 14 16 00-0640 | EA  | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door     | 430.61       | 62.39      |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add         | 36.70        |            |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add               | 165.15       |            |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add               | 229.38       |            |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add               | 367.01       |            |
|                  |     | For >50 To 100, Deduct                                                               | -24.65       |            |
|                  |     | For >100, Deduct                                                                     | -35.42       |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                               | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 16 00-0641 | EA  | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 439.39                    | 62.39                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 37.75                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 169.89                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 235.97                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 377.54                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -25.09                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -36.07                    |                         |
| 08 14 16 00-0642 | EA  | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door | .....       | 442.60                    | 62.39                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 38.14                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 171.63                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 238.37                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 381.40                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -25.25                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -36.31                    |                         |
| 08 14 16 00-0643 | EA  | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 451.19                    | 65.10                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 38.52                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 173.33                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 240.74                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 385.19                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -25.81                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -37.09                    |                         |
| 08 14 16 00-0644 | EA  | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 480.20                    | 65.10                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 42.00                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 189.00                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 262.50                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 420.00                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -27.27                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -39.27                    |                         |
| 08 14 16 00-0645 | EA  | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 510.60                    | 67.81                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 45.00                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 202.48                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 281.23                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 449.96                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -28.92                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -41.69                    |                         |
| 08 14 16 00-0646 | EA  | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 529.34                    | 67.81                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 47.25                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 212.60                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 295.28                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 472.45                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -29.86                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -43.09                    |                         |
| 08 14 16 00-0647 | EA  | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 566.87                    | 67.81                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 51.75                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 232.87                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 323.43                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 517.49                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -31.73                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -45.91                    |                         |
| 08 14 16 00-0648 | EA  | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 483.76                    | 59.67                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 43.73                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 196.78                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 273.30                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 437.28                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -27.17                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -39.27                    |                         |
|                  |     | For 9' Door Height, Add                                                           | .....       | 76.52                     |                         |
| 08 14 16 00-0649 | EA  | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 483.76                    | 59.67                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 43.73                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 196.78                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 273.30                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 437.28                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -27.17                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -39.27                    |                         |
|                  |     | For 9' Door Height, Add                                                           | .....       | 76.52                     |                         |
| 08 14 16 00-0650 | EA  | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 490.23                    | 62.39                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 43.86                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 197.35                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 274.10                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 438.55                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -27.63                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -39.89                    |                         |
|                  |     | For 9' Door Height, Add                                                           | .....       | 76.75                     |                         |
| 08 14 16 00-0651 | EA  | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door  | .....       | 500.76                    | 62.39                   |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add      | .....       | 45.12                     |                         |
|                  |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 203.03                    |                         |
|                  |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add            | .....       | 281.99                    |                         |
|                  |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add            | .....       | 451.19                    |                         |
|                  |     | For >50 To 100, Deduct                                                            | .....       | -28.16                    |                         |
|                  |     | For >100, Deduct                                                                  | .....       | -40.68                    |                         |
|                  |     | For 9' Door Height, Add                                                           | .....       | 78.96                     |                         |



|  |  |                         |              |           |
|--|--|-------------------------|--------------|-----------|
|  |  | <b>Openings</b>         | <b>08</b>    | <b>08</b> |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |           |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |           |

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL DIRECT UNIT COST                                                      | DEMOLITION UNIT COST |
|------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------|
| 08 14 16 00-0652 | EA  |     | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add | 504.59<br>45.58<br>205.10<br>284.87<br>455.78<br>-28.35<br>-40.96<br>79.76  | 62.39                |
| 08 14 16 00-0653 | EA  |     | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 513.80<br>46.03<br>207.14<br>287.70<br>460.32<br>-28.95<br>-41.79<br>80.56  | 65.10                |
| 08 14 16 00-0654 | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 548.47<br>50.19<br>225.87<br>313.70<br>501.92<br>-30.68<br>-44.39<br>87.84  | 65.10                |
| 08 14 16 00-0655 | EA  |     | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 583.71<br>53.77<br>241.96<br>336.06<br>537.70<br>-32.58<br>-47.17<br>94.10  | 67.81                |
| 08 14 16 00-0656 | EA  |     | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 606.10<br>56.46<br>254.05<br>352.85<br>564.56<br>-33.70<br>-48.85<br>98.80  | 67.81                |
| 08 14 16 00-0657 | EA  |     | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door .....<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add<br>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct<br>For 9' Door Height, Add  | 650.96<br>61.84<br>278.28<br>386.50<br>618.40<br>-35.94<br>-52.21<br>108.22 | 67.81                |
| 08 14 16 00-0658 |     |     | Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                             |                      |
| 08 14 16 00-0659 | EA  |     | 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                         | 337.74<br>163.79<br>98.27<br>26.21<br>-19.87<br>-28.31                      | 59.67                |
| 08 14 16 00-0660 | EA  |     | 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                         | 337.74<br>163.79<br>98.27<br>26.21<br>-19.87<br>-28.31                      | 59.67                |
| 08 14 16 00-0661 | EA  |     | 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                         | 355.80<br>173.27<br>103.96<br>27.72<br>-20.91<br>-29.80                     | 62.39                |
| 08 14 16 00-0662 | EA  |     | 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                         | 368.42<br>182.74<br>109.64<br>29.24<br>-21.54<br>-30.75                     | 62.39                |
| 08 14 16 00-0663 | EA  |     | 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                        | 370.77<br>184.50<br>110.70<br>29.52<br>-21.66<br>-30.93                     | 62.39                |
| 08 14 16 00-0664 | EA  |     | 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door .....<br>For Stave Lumber Core (SLC), Add<br>For Structural Composite Lumber Core (SCLC), Add<br>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add<br>For >50 To 100, Deduct<br>For >100, Deduct                                                                                                                                         | 378.58<br>186.29<br>111.77<br>29.81<br>-22.18<br>-31.65                     | 65.10                |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            |     |                                                                                                            | TOTAL DIRECT | DEMOLITION |
|------------------|-----|------------------------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                                | UNIT COST    | UNIT COST  |
| 08 14 16 00-0665 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 405.96       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 206.82       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 124.09       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 33.09        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -23.55       |            |
|                  |     | For >100, Deduct                                                                                           | -33.70       |            |
| 08 14 16 00-0666 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 461.38       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 244.31       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 146.59       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 39.09        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -26.46       |            |
|                  |     | For >100, Deduct                                                                                           | -37.99       |            |
| 08 14 16 00-0667 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 477.68       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 256.54       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 153.92       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 41.05        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -27.27       |            |
|                  |     | For >100, Deduct                                                                                           | -39.22       |            |
| 08 14 16 00-0668 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door | 510.23       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 280.95       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 168.57       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 44.95        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -28.90       |            |
|                  |     | For >100, Deduct                                                                                           | -41.66       |            |
| 08 14 16 00-0669 | EA  | 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 350.46       | 59.67      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 173.33       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 104.00       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 27.73        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -20.51       |            |
|                  |     | For >100, Deduct                                                                                           | -29.27       |            |
| 08 14 16 00-0670 | EA  | 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 350.46       | 59.67      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 173.33       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 104.00       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 27.73        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -20.51       |            |
|                  |     | For >100, Deduct                                                                                           | -29.27       |            |
| 08 14 16 00-0671 | EA  | 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 369.26       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 183.37       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 110.02       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 29.34        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -21.58       |            |
|                  |     | For >100, Deduct                                                                                           | -30.81       |            |
| 08 14 16 00-0672 | EA  | 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 382.61       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 193.38       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 116.03       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 30.94        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -22.25       |            |
|                  |     | For >100, Deduct                                                                                           | -31.82       |            |
| 08 14 16 00-0673 | EA  | 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door   | 385.09       | 62.39      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 195.24       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 117.14       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 31.24        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -22.37       |            |
|                  |     | For >100, Deduct                                                                                           | -32.00       |            |
| 08 14 16 00-0674 | EA  | 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 393.04       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 197.13       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 118.28       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 31.54        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -22.91       |            |
|                  |     | For >100, Deduct                                                                                           | -32.73       |            |
| 08 14 16 00-0675 | EA  | 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 421.99       | 65.10      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 218.84       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 131.31       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 35.01        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -24.35       |            |
|                  |     | For >100, Deduct                                                                                           | -34.90       |            |
| 08 14 16 00-0676 | EA  | 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 480.33       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 258.53       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 155.12       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 41.36        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -27.41       |            |
|                  |     | For >100, Deduct                                                                                           | -39.42       |            |
| 08 14 16 00-0677 | EA  | 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 497.58       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 271.46       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 162.88       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 43.43        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -28.27       |            |
|                  |     | For >100, Deduct                                                                                           | -40.71       |            |
| 08 14 16 00-0678 | EA  | 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door    | 532.04       | 67.81      |
|                  |     | For Stave Lumber Core (SLC), Add                                                                           | 297.31       |            |
|                  |     | For Structural Composite Lumber Core (SCLC), Add                                                           | 178.38       |            |
|                  |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                               | 47.57        |            |
|                  |     | For >50 To 100, Deduct                                                                                     | -29.99       |            |
|                  |     | For >100, Deduct                                                                                           | -43.29       |            |





|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |

| MINOR               |                                                                                                                  | TOTAL DIRECT |  | DEMOLITION |
|---------------------|------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                  | UNIT COST    |  | UNIT COST  |
| 08 14 16 00-0679    | EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 395.52       |  | 59.67      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 207.12       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 124.27       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 33.14        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -22.76       |  |            |
|                     | For >100, Deduct                                                                                                 | -32.65       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 57.99        |  |            |
| 08 14 16 00-0680    | EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 395.52       |  | 59.67      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 207.12       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 124.27       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 33.14        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -22.76       |  |            |
|                     | For >100, Deduct                                                                                                 | -32.65       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 57.99        |  |            |
| 08 14 16 00-0681    | EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 416.93       |  | 62.39      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 219.12       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 131.47       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 35.06        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -23.97       |  |            |
|                     | For >100, Deduct                                                                                                 | -34.39       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 61.35        |  |            |
| 08 14 16 00-0682    | EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 432.90       |  | 62.39      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 231.10       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 138.66       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 36.98        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -24.76       |  |            |
|                     | For >100, Deduct                                                                                                 | -35.59       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 64.71        |  |            |
| 08 14 16 00-0683    | EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door..... | 435.85       |  | 62.39      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 233.31       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 139.99       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 37.33        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -24.91       |  |            |
|                     | For >100, Deduct                                                                                                 | -35.81       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 65.33        |  |            |
| 08 14 16 00-0684    | EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 444.30       |  | 65.10      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 235.58       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 141.35       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 37.69        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -25.47       |  |            |
|                     | For >100, Deduct                                                                                                 | -36.58       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 65.96        |  |            |
| 08 14 16 00-0685    | EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 478.90       |  | 65.10      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 261.53       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 156.92       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 41.84        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -27.20       |  |            |
|                     | For >100, Deduct                                                                                                 | -39.17       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 73.23        |  |            |
| 08 14 16 00-0686    | EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 547.54       |  | 67.81      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 308.93       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 185.36       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 49.43        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -30.77       |  |            |
|                     | For >100, Deduct                                                                                                 | -44.46       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 86.50        |  |            |
| 08 14 16 00-0687    | EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 568.17       |  | 67.81      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 324.41       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 194.64       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 51.90        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -31.80       |  |            |
|                     | For >100, Deduct                                                                                                 | -46.00       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 90.83        |  |            |
| 08 14 16 00-0688    | EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....  | 609.34       |  | 67.81      |
|                     | For Stave Lumber Core (SLC), Add                                                                                 | 355.28       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                 | 213.17       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                     | 56.85        |  |            |
|                     | For >50 To 100, Deduct                                                                                           | -33.86       |  |            |
|                     | For >100, Deduct                                                                                                 | -49.09       |  |            |
|                     | For 9' Door Height, Add                                                                                          | 99.48        |  |            |
| 08 14 16 00-0689    | 2-1/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)                                                     |              |  |            |
| 08 14 16 00-0690    | Birch Faced Wood Doors (08 14 16 00-0689)                                                                        |              |  |            |
| 08 14 16 00-0691    | EA 2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 336.38       |  | 59.67      |
| 08 14 16 00-0692    | EA 2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 336.38       |  | 59.67      |
| 08 14 16 00-0693    | EA 2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 353.14       |  | 62.39      |
| 08 14 16 00-0694    | EA 2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 362.65       |  | 62.39      |
| 08 14 16 00-0695    | EA 2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                     | 369.02       |  | 62.39      |
| 08 14 16 00-0696    | EA 3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 380.76       |  | 65.10      |
| 08 14 16 00-0697    | EA 3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 408.31       |  | 65.10      |
| 08 14 16 00-0698    | EA 3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 473.29       |  | 67.81      |
| 08 14 16 00-0699    | EA 3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 490.19       |  | 67.81      |
| 08 14 16 00-0700    | EA 4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                      | 534.78       |  | 73.24      |
| 08 14 16 00-0701    | EA 2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....                         | 349.01       |  | 59.67      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                   |        |       |
|------------------|----|-----------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0702 | EA | 2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 349.01 | 59.67 |
| 08 14 16 00-0703 | EA | 2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 366.42 | 62.39 |
| 08 14 16 00-0704 | EA | 2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 376.50 | 62.39 |
| 08 14 16 00-0705 | EA | 2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 383.23 | 62.39 |
| 08 14 16 00-0706 | EA | 3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 395.33 | 65.10 |
| 08 14 16 00-0707 | EA | 3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 424.49 | 65.10 |
| 08 14 16 00-0708 | EA | 3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 492.94 | 67.81 |
| 08 14 16 00-0709 | EA | 3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 510.83 | 67.81 |
| 08 14 16 00-0710 | EA | 4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 557.39 | 73.24 |
| 08 14 16 00-0711 | EA | 2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 394.95 | 59.67 |
| 08 14 16 00-0712 | EA | 2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 394.95 | 59.67 |
| 08 14 16 00-0713 | EA | 2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 414.76 | 62.39 |
| 08 14 16 00-0714 | EA | 2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 426.84 | 62.39 |
| 08 14 16 00-0715 | EA | 2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door | 434.92 | 62.39 |
| 08 14 16 00-0716 | EA | 3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 448.35 | 65.10 |
| 08 14 16 00-0717 | EA | 3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 483.36 | 65.10 |
| 08 14 16 00-0718 | EA | 3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 564.42 | 67.81 |
| 08 14 16 00-0719 | EA | 3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 585.87 | 67.81 |
| 08 14 16 00-0720 | EA | 4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door  | 639.56 | 73.24 |

**08 14 16 00-0721****Oak Faced Wood Doors** (08 14 16 00-0689)

|                  |    |                                                                                    |          |       |
|------------------|----|------------------------------------------------------------------------------------|----------|-------|
| 08 14 16 00-0722 | EA | 2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 565.33   | 59.67 |
| 08 14 16 00-0723 | EA | 2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 565.33   | 59.67 |
| 08 14 16 00-0724 | EA | 2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 570.74   | 62.39 |
| 08 14 16 00-0725 | EA | 2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 575.37   | 62.39 |
| 08 14 16 00-0726 | EA | 2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door | 577.42   | 62.39 |
| 08 14 16 00-0727 | EA | 3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 584.91   | 65.10 |
| 08 14 16 00-0728 | EA | 3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 634.89   | 65.10 |
| 08 14 16 00-0729 | EA | 3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 768.92   | 67.81 |
| 08 14 16 00-0730 | EA | 3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 801.02   | 67.81 |
| 08 14 16 00-0731 | EA | 4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door  | 874.77   | 73.24 |
| 08 14 16 00-0732 | EA | 2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 591.30   | 59.67 |
| 08 14 16 00-0733 | EA | 2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 591.30   | 59.67 |
| 08 14 16 00-0734 | EA | 2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 596.71   | 62.39 |
| 08 14 16 00-0735 | EA | 2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 601.57   | 62.39 |
| 08 14 16 00-0736 | EA | 2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door    | 603.77   | 62.39 |
| 08 14 16 00-0737 | EA | 3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 611.39   | 65.10 |
| 08 14 16 00-0738 | EA | 3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 664.25   | 65.10 |
| 08 14 16 00-0739 | EA | 3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 805.79   | 67.81 |
| 08 14 16 00-0740 | EA | 3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 839.73   | 67.81 |
| 08 14 16 00-0741 | EA | 4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 917.15   | 73.24 |
| 08 14 16 00-0742 | EA | 2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 685.68   | 59.67 |
| 08 14 16 00-0743 | EA | 2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 685.68   | 59.67 |
| 08 14 16 00-0744 | EA | 2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 691.09   | 62.39 |
| 08 14 16 00-0745 | EA | 2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 696.95   | 62.39 |
| 08 14 16 00-0746 | EA | 2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door    | 699.55   | 62.39 |
| 08 14 16 00-0747 | EA | 3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 707.62   | 65.10 |
| 08 14 16 00-0748 | EA | 3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 771.06   | 65.10 |
| 08 14 16 00-0749 | EA | 3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 939.80   | 67.81 |
| 08 14 16 00-0750 | EA | 3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 980.57   | 67.81 |
| 08 14 16 00-0751 | EA | 4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door     | 1,071.27 | 73.24 |

**08 14 16 00-0752****Maple Faced Wood Doors** (08 14 16 00-0689)

|                  |    |                                                                                      |        |       |
|------------------|----|--------------------------------------------------------------------------------------|--------|-------|
| 08 14 16 00-0753 | EA | 2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 510.04 | 59.67 |
| 08 14 16 00-0754 | EA | 2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 510.04 | 59.67 |
| 08 14 16 00-0755 | EA | 2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 515.45 | 62.39 |
| 08 14 16 00-0756 | EA | 2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 519.50 | 62.39 |
| 08 14 16 00-0757 | EA | 2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door | 521.30 | 62.39 |
| 08 14 16 00-0758 | EA | 3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 528.53 | 65.10 |
| 08 14 16 00-0759 | EA | 3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 572.29 | 65.10 |
| 08 14 16 00-0760 | EA | 3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 662.65 | 67.81 |
| 08 14 16 00-0761 | EA | 3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 718.14 | 67.81 |
| 08 14 16 00-0762 | EA | 4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door  | 773.63 | 67.81 |
| 08 14 16 00-0763 | EA | 2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 532.77 | 59.67 |
| 08 14 16 00-0764 | EA | 2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 532.77 | 59.67 |
| 08 14 16 00-0765 | EA | 2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 538.18 | 62.39 |
| 08 14 16 00-0766 | EA | 2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 542.45 | 62.39 |
| 08 14 16 00-0767 | EA | 2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door    | 544.35 | 62.39 |
| 08 14 16 00-0768 | EA | 3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 551.71 | 65.10 |
| 08 14 16 00-0769 | EA | 3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 598.02 | 65.10 |
| 08 14 16 00-0770 | EA | 3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 693.33 | 67.81 |
| 08 14 16 00-0771 | EA | 3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 752.55 | 67.81 |
| 08 14 16 00-0772 | EA | 4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 810.75 | 67.81 |
| 08 14 16 00-0773 | EA | 2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 615.44 | 59.67 |
| 08 14 16 00-0774 | EA | 2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 615.44 | 59.67 |
| 08 14 16 00-0775 | EA | 2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 620.85 | 62.39 |
| 08 14 16 00-0776 | EA | 2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 625.98 | 62.39 |
| 08 14 16 00-0777 | EA | 2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door    | 628.28 | 62.39 |
| 08 14 16 00-0778 | EA | 3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door     | 636.01 | 65.10 |



|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |

| MINOR                                                                                                                                                                                                  |                                                                                                                                 | TOTAL DIRECT |  | DEMOLITION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION                                                                                                                                                                                    |                                                                                                                                 | UNIT COST    |  | UNIT COST  |
| 08 14 16 00-0779                                                                                                                                                                                       | EA 3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....                                        | 691.58       |  | 65.10      |
| 08 14 16 00-0780                                                                                                                                                                                       | EA 3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....                                        | 804.84       |  | 67.81      |
| 08 14 16 00-0781                                                                                                                                                                                       | EA 3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....                                        | 875.34       |  | 67.81      |
| 08 14 16 00-0782                                                                                                                                                                                       | EA 4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....                                        | 945.76       |  | 67.81      |
| <b>08 14 16 00-0783 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)</b>                                                                                                               |                                                                                                                                 |              |  |            |
| 08 14 16 00-0784                                                                                                                                                                                       | EA Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....                                   | 74.13        |  |            |
|                                                                                                                                                                                                        | Note: Includes (2) coats any standard manufacturer color on six sides.                                                          |              |  |            |
|                                                                                                                                                                                                        | For Custom Color To Match Non-Standard Manufacturer Finish, Add                                                                 | 24.69        |  |            |
| 08 14 16 00-0785                                                                                                                                                                                       | EA Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....                                 | 111.20       |  |            |
|                                                                                                                                                                                                        | Note: Includes (3) coats any standard manufacturer color on six sides.                                                          |              |  |            |
|                                                                                                                                                                                                        | For Custom Color To Match Non-Standard Manufacturer Finish, Add                                                                 | 24.69        |  |            |
| <b>08 14 16 00-0786 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)</b>                                                                                           |                                                                                                                                 |              |  |            |
| 08 14 16 00-0787                                                                                                                                                                                       | EA 2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....                                  | 2,189.00     |  | 47.74      |
| 08 14 16 00-0788                                                                                                                                                                                       | EA 2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....                               | 2,189.00     |  | 148.98     |
| 08 14 16 00-0789                                                                                                                                                                                       | EA 2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....                               | 2,189.00     |  | 47.74      |
| <b>08 14 23 Clad Wood Doors (08 14)</b>                                                                                                                                                                |                                                                                                                                 |              |  |            |
| <b>08 14 23 13 Metal-Faced Wood Doors (08 14 23)</b>                                                                                                                                                   |                                                                                                                                 |              |  |            |
| See CSI section 08 70 00 00-0000 for finish hardware.                                                                                                                                                  |                                                                                                                                 |              |  |            |
| <b>08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)</b>                                                                                                   |                                                                                                                                 |              |  |            |
| 08 14 23 13-0002                                                                                                                                                                                       | EA 2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....                                 | 622.61       |  | 133.46     |
| 08 14 23 13-0003                                                                                                                                                                                       | EA 2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....                                 | 666.74       |  | 146.48     |
| 08 14 23 13-0004                                                                                                                                                                                       | EA 2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....                                | 717.88       |  | 161.67     |
| 08 14 23 13-0005                                                                                                                                                                                       | EA 3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....                                 | 749.39       |  | 167.09     |
| 08 14 23 13-0006                                                                                                                                                                                       | EA 3'-4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....                                 | 803.65       |  | 183.91     |
| 08 14 23 13-0007                                                                                                                                                                                       | EA 3'-8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door.....                                     | 867.41       |  | 189.88     |
| <b>08 14 23 16 Plastic-Laminate-Faced Wood Doors (08 14 23)</b>                                                                                                                                        |                                                                                                                                 |              |  |            |
| <b>08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)</b>                                                          |                                                                                                                                 |              |  |            |
| Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. |                                                                                                                                 |              |  |            |
| 08 14 23 16-0002                                                                                                                                                                                       | EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 283.22       |  | 59.67      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 73.74        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 5.74         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -17.15       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -24.23       |  |            |
| 08 14 23 16-0003                                                                                                                                                                                       | EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 283.22       |  | 59.67      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 73.74        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 5.74         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -17.15       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -24.23       |  |            |
| 08 14 23 16-0004                                                                                                                                                                                       | EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 297.65       |  | 62.39      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 77.80        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 6.05         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -18.00       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -25.44       |  |            |
| 08 14 23 16-0005                                                                                                                                                                                       | EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 306.66       |  | 62.39      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 81.85        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 6.37         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -18.45       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -26.12       |  |            |
| 08 14 23 16-0006                                                                                                                                                                                       | EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 311.21       |  | 62.39      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 83.90        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 6.53         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -18.68       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -26.46       |  |            |
| 08 14 23 16-0007                                                                                                                                                                                       | EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 321.16       |  | 65.10      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 85.93        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 6.68         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -19.31       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -27.34       |  |            |
| 08 14 23 16-0008                                                                                                                                                                                       | EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 342.16       |  | 65.10      |
|                                                                                                                                                                                                        | For Structural Composite Lumber Core (SCLC), Add                                                                                | 95.38        |  |            |
|                                                                                                                                                                                                        | For 5 Ply Construction, Add                                                                                                     | 7.42         |  |            |
|                                                                                                                                                                                                        | For >50 To 100, Deduct                                                                                                          | -20.36       |  |            |
|                                                                                                                                                                                                        | For >100, Deduct                                                                                                                | -28.92       |  |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 23 16-0009 | EA  |     | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... | 361.15                    | 67.81                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 101.48                    |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.89                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -21.45                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -30.48                    |                         |
| 08 14 23 16-0010 | EA  |     | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 292.76                    | 59.67                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 78.03                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 6.07                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -17.62                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -24.94                    |                         |
| 08 14 23 16-0011 | EA  |     | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 292.75                    | 59.67                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 78.03                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 6.07                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -17.62                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -24.94                    |                         |
| 08 14 23 16-0012 | EA  |     | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 307.71                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 82.32                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 6.40                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -18.50                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -26.20                    |                         |
| 08 14 23 16-0013 | EA  |     | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 317.24                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 86.61                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 6.74                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -18.98                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -26.91                    |                         |
| 08 14 23 16-0014 | EA  |     | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....   | 322.05                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 88.78                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 6.90                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -19.22                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -27.27                    |                         |
| 08 14 23 16-0015 | EA  |     | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 332.27                    | 65.10                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 90.93                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.07                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -19.87                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -28.18                    |                         |
| 08 14 23 16-0016 | EA  |     | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 354.49                    | 65.10                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 100.93                    |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.85                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -20.98                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -29.84                    |                         |
| 08 14 23 16-0017 | EA  |     | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 374.27                    | 67.81                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 107.39                    |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 8.35                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -22.10                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -31.46                    |                         |
| 08 14 23 16-0018 | EA  |     | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 326.57                    | 59.67                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 93.24                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.25                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -19.31                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -27.48                    |                         |
| 08 14 23 16-0019 | EA  |     | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 326.57                    | 59.67                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 93.24                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.25                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -19.31                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -27.48                    |                         |
| 08 14 23 16-0020 | EA  |     | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 343.39                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 98.38                     |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 7.65                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -20.29                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -28.87                    |                         |
| 08 14 23 16-0021 | EA  |     | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....    | 354.78                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 103.50                    |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 8.05                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -20.86                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -29.73                    |                         |
| 08 14 23 16-0022 | EA  |     | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door .....   | 360.52                    | 62.39                   |
|                  |     |     | For Structural Composite Lumber Core (SCLC), Add .....                                                                       | 106.09                    |                         |
|                  |     |     | For 5 Ply Construction, Add .....                                                                                            | 8.25                      |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                 | -21.15                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                       | -30.16                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR               |    |                                                                                                                                                                                                        | TOTAL DIRECT | DEMOLITION |
|---------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|
| CSI UOM DESCRIPTION |    |                                                                                                                                                                                                        | UNIT COST    | UNIT COST  |
| 08 14 23 16-0023    | EA | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                               | 371.68       | 65.10      |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 108.67       |            |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 8.45         |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -21.84       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -31.13       |            |
| 08 14 23 16-0024    | EA | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                               | 398.23       | 65.10      |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 120.67       |            |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 9.38         |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -23.17       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -33.12       |            |
| 08 14 23 16-0025    | EA | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                               | 420.81       | 67.81      |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 128.33       |            |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 9.98         |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -24.43       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -34.95       |            |
| 08 14 23 16-0026    |    | 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)                                                                                  |              |            |
|                     |    | Note: PC = Particleboard, medium-density fiberboard (MDF), or agnifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. |              |            |
| 08 14 23 16-0027    | EA | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                            | 398.54       | 59.67      |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 9.77         |            |
|                     |    | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 209.39       |            |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 125.63       |            |
|                     |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                                                                                           | 33.50        |            |
|                     |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 150.76       |            |
|                     |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 209.39       |            |
|                     |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                                                                                                 | 335.02       |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -22.91       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -32.87       |            |
| 08 14 23 16-0028    | EA | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                            | 398.52       | 59.67      |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 9.77         |            |
|                     |    | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 209.37       |            |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 125.62       |            |
|                     |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                                                                                           | 33.50        |            |
|                     |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 150.75       |            |
|                     |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 209.37       |            |
|                     |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                                                                                                 | 334.99       |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -22.91       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -32.87       |            |
| 08 14 23 16-0029    | EA | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                            | 412.67       | 62.39      |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 10.08        |            |
|                     |    | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 215.93       |            |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 129.56       |            |
|                     |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                                                                                           | 34.55        |            |
|                     |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 155.47       |            |
|                     |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 215.93       |            |
|                     |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                                                                                                 | 345.48       |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -23.75       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -34.07       |            |
| 08 14 23 16-0030    | EA | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                            | 412.67       | 62.39      |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 10.08        |            |
|                     |    | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 215.93       |            |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 129.56       |            |
|                     |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                                                                                           | 34.55        |            |
|                     |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 155.47       |            |
|                     |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 215.93       |            |
|                     |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                                                                                                 | 345.48       |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -23.75       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -34.07       |            |
| 08 14 23 16-0031    | EA | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....                                                                           | 429.96       | 62.39      |
|                     |    | For 5 Ply Construction, Add                                                                                                                                                                            | 10.68        |            |
|                     |    | For Stave Lumber Core (SLC), Add                                                                                                                                                                       | 228.89       |            |
|                     |    | For Structural Composite Lumber Core (SCLC), Add                                                                                                                                                       | 137.34       |            |
|                     |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                                                                                           | 36.62        |            |
|                     |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 164.80       |            |
|                     |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                                                                                                 | 228.89       |            |
|                     |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                                                                                                 | 366.23       |            |
|                     |    | For >50 To 100, Deduct                                                                                                                                                                                 | -24.62       |            |
|                     |    | For >100, Deduct                                                                                                                                                                                       | -35.37       |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                        |        |       |
|------------------|----|------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 08 14 23 16-0032 | EA | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 452.67 | 65.10 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 11.29  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 241.85 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 145.11 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 38.70  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 174.13 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 241.85 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 386.96 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -25.89 |       |
|                  |    | For >100, Deduct                                                                                                       | -37.21 |       |
| 08 14 23 16-0033 | EA | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 470.34 | 65.10 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 11.90  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 255.11 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 153.06 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 40.82  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 183.68 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 255.11 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 408.17 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -26.77 |       |
|                  |    | For >100, Deduct                                                                                                       | -38.53 |       |
| 08 14 23 16-0034 | EA | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 484.60 | 67.81 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 12.21  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 261.73 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 157.04 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 41.88  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 188.44 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 261.73 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 418.76 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -27.62 |       |
|                  |    | For >100, Deduct                                                                                                       | -39.74 |       |
| 08 14 23 16-0035 | EA | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 502.04 | 67.81 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 12.82  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 274.81 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 164.88 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 43.97  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 197.86 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 274.81 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 439.69 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -28.49 |       |
|                  |    | For >100, Deduct                                                                                                       | -41.04 |       |
| 08 14 23 16-0036 | EA | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door | 547.79 | 73.24 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 14.05  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 300.98 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 180.59 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 48.16  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 216.71 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 300.98 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 481.57 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -31.05 |       |
|                  |    | For >100, Deduct                                                                                                       | -44.75 |       |
| 08 14 23 16-0037 | EA | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door    | 414.78 | 59.67 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 10.34  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 221.57 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 132.94 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 35.45  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 159.53 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 221.57 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 354.50 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -23.72 |       |
|                  |    | For >100, Deduct                                                                                                       | -34.09 |       |
| 08 14 23 16-0038 | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door    | 414.77 | 59.67 |
|                  |    | For 5 Ply Construction, Add                                                                                            | 10.34  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                       | 221.56 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                       | 132.93 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                           | 35.45  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 159.52 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                 | 221.56 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                 | 354.49 |       |
|                  |    | For >50 To 100, Deduct                                                                                                 | -23.72 |       |
|                  |    | For >100, Deduct                                                                                                       | -34.09 |       |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR               |                                                                                                                              | TOTAL DIRECT |  | DEMOLITION |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                              | UNIT COST    |  | UNIT COST  |
| 08 14 23 16-0039    | EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 429.42       |  | 62.39      |
|                     | For 5 Ply Construction, Add                                                                                                  | 10.66        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 228.49       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 137.09       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 36.56        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 164.51       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 228.49       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 365.58       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -24.59       |  |            |
|                     | For >100, Deduct                                                                                                             | -35.33       |  |            |
| 08 14 23 16-0040    | EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 429.42       |  | 62.39      |
|                     | For 5 Ply Construction, Add                                                                                                  | 10.66        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 228.49       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 137.09       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 36.56        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 164.51       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 228.49       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 365.58       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -24.59       |  |            |
|                     | For >100, Deduct                                                                                                             | -35.33       |  |            |
| 08 14 23 16-0041    | EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 447.72       |  | 62.39      |
|                     | For 5 Ply Construction, Add                                                                                                  | 11.30        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 242.21       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 145.33       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 38.75        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 174.39       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 242.21       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 387.54       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -25.51       |  |            |
|                     | For >100, Deduct                                                                                                             | -36.70       |  |            |
| 08 14 23 16-0042    | EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 471.45       |  | 65.10      |
|                     | For 5 Ply Construction, Add                                                                                                  | 11.94        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 255.94       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 153.56       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 40.95        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 184.28       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 255.94       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 409.50       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -26.83       |  |            |
|                     | For >100, Deduct                                                                                                             | -38.61       |  |            |
| 08 14 23 16-0043    | EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 490.13       |  | 65.10      |
|                     | For 5 Ply Construction, Add                                                                                                  | 12.60        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 269.95       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 161.97       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 43.19        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 194.36       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 269.95       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 431.92       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -27.76       |  |            |
|                     | For >100, Deduct                                                                                                             | -40.01       |  |            |
| 08 14 23 16-0044    | EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 504.91       |  | 67.81      |
|                     | For 5 Ply Construction, Add                                                                                                  | 12.92        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 276.96       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 166.18       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 44.31        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 199.41       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 276.96       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 443.14       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -28.64       |  |            |
|                     | For >100, Deduct                                                                                                             | -41.26       |  |            |
| 08 14 23 16-0045    | EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 523.37       |  | 67.81      |
|                     | For 5 Ply Construction, Add                                                                                                  | 13.57        |  |            |
|                     | For Stave Lumber Core (SLC), Add                                                                                             | 290.81       |  |            |
|                     | For Structural Composite Lumber Core (SCLC), Add                                                                             | 174.48       |  |            |
|                     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                 | 46.53        |  |            |
|                     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 209.38       |  |            |
|                     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                       | 290.81       |  |            |
|                     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                       | 465.29       |  |            |
|                     | For >50 To 100, Deduct                                                                                                       | -29.56       |  |            |
|                     | For >100, Deduct                                                                                                             | -42.64       |  |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                           |        |       |
|------------------|----|---------------------------------------------------------------------------------------------------------------------------|--------|-------|
| 08 14 23 16-0046 | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 571.15 | 73.24 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 14.86  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 318.50 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 191.10 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 50.96  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 229.32 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 318.50 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 509.60 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -32.22 |       |
|                  |    | For >100, Deduct                                                                                                          | -46.50 |       |
| 08 14 23 16-0047 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 472.40 | 59.67 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 12.36  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 264.78 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 158.87 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 42.36  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 190.64 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 264.78 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 423.65 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -26.60 |       |
|                  |    | For >100, Deduct                                                                                                          | -38.41 |       |
| 08 14 23 16-0048 | EA | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 472.38 | 59.67 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 12.36  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 264.77 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 158.86 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 42.36  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 190.63 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 264.77 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 423.62 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -26.60 |       |
|                  |    | For >100, Deduct                                                                                                          | -38.41 |       |
| 08 14 23 16-0049 | EA | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 488.83 | 62.39 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 12.74  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 273.05 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 163.83 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 43.69  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 196.59 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 273.05 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 436.87 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -27.56 |       |
|                  |    | For >100, Deduct                                                                                                          | -39.78 |       |
| 08 14 23 16-0050 | EA | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 488.83 | 62.39 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 12.74  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 273.05 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 163.83 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 43.69  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 196.59 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 273.05 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 436.87 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -27.56 |       |
|                  |    | For >100, Deduct                                                                                                          | -39.78 |       |
| 08 14 23 16-0051 | EA | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 510.69 | 62.39 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 13.51  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 289.44 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 173.66 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 46.31  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 208.40 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 289.44 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 463.10 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -28.65 |       |
|                  |    | For >100, Deduct                                                                                                          | -41.42 |       |
| 08 14 23 16-0052 | EA | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....  | 537.99 | 65.10 |
|                  |    | For 5 Ply Construction, Add                                                                                               | 14.27  |       |
|                  |    | For Stave Lumber Core (SLC), Add                                                                                          | 305.84 |       |
|                  |    | For Structural Composite Lumber Core (SCLC), Add                                                                          | 183.51 |       |
|                  |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              | 48.93  |       |
|                  |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 220.21 |       |
|                  |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    | 305.84 |       |
|                  |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    | 489.35 |       |
|                  |    | For >50 To 100, Deduct                                                                                                    | -30.15 |       |
|                  |    | For >100, Deduct                                                                                                          | -43.60 |       |





|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |

| MINOR                                                           |                                                                                                                             | TOTAL DIRECT |  | DEMOLITION |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI                                                             | UOM DESCRIPTION                                                                                                             | UNIT COST    |  | UNIT COST  |
| 08 14 23 16-0053                                                | EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 560.32       |  | 65.10      |
|                                                                 | For 5 Ply Construction, Add                                                                                                 | 15.05        |  |            |
|                                                                 | For Stave Lumber Core (SLC), Add                                                                                            | 322.59       |  |            |
|                                                                 | For Structural Composite Lumber Core (SCLC), Add                                                                            | 193.55       |  |            |
|                                                                 | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                | 51.61        |  |            |
|                                                                 | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 232.26       |  |            |
|                                                                 | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 322.59       |  |            |
|                                                                 | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                      | 516.14       |  |            |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -31.27       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -45.28       |  |            |
| 08 14 23 16-0054                                                | EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 576.91       |  | 67.81      |
|                                                                 | For 5 Ply Construction, Add                                                                                                 | 15.44        |  |            |
|                                                                 | For Stave Lumber Core (SLC), Add                                                                                            | 330.96       |  |            |
|                                                                 | For Structural Composite Lumber Core (SCLC), Add                                                                            | 198.58       |  |            |
|                                                                 | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                | 52.95        |  |            |
|                                                                 | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 238.29       |  |            |
|                                                                 | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 330.96       |  |            |
|                                                                 | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                      | 529.54       |  |            |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -32.24       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -46.66       |  |            |
| 08 14 23 16-0055                                                | EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 598.97       |  | 67.81      |
|                                                                 | For 5 Ply Construction, Add                                                                                                 | 16.22        |  |            |
|                                                                 | For Stave Lumber Core (SLC), Add                                                                                            | 347.51       |  |            |
|                                                                 | For Structural Composite Lumber Core (SCLC), Add                                                                            | 208.50       |  |            |
|                                                                 | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                | 55.60        |  |            |
|                                                                 | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 250.20       |  |            |
|                                                                 | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 347.51       |  |            |
|                                                                 | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                      | 556.01       |  |            |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -33.34       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -48.31       |  |            |
| 08 14 23 16-0056                                                | EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door..... | 653.96       |  | 73.24      |
|                                                                 | For 5 Ply Construction, Add                                                                                                 | 17.76        |  |            |
|                                                                 | For Stave Lumber Core (SLC), Add                                                                                            | 380.61       |  |            |
|                                                                 | For Structural Composite Lumber Core (SCLC), Add                                                                            | 228.37       |  |            |
|                                                                 | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                                | 60.90        |  |            |
|                                                                 | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 274.04       |  |            |
|                                                                 | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                      | 380.61       |  |            |
|                                                                 | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                      | 608.98       |  |            |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -36.36       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -52.71       |  |            |
| <b>08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)</b> |                                                                                                                             |              |  |            |
| 08 14 23 19-0001                                                | 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)                      |              |  |            |
| 08 14 23 19-0002                                                | EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 207.45       |  | 59.67      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -13.36       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -18.54       |  |            |
| 08 14 23 19-0003                                                | EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 207.45       |  | 59.67      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -13.36       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -18.54       |  |            |
| 08 14 23 19-0004                                                | EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 219.28       |  | 62.39      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -14.08       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -19.57       |  |            |
| 08 14 23 19-0005                                                | EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 222.34       |  | 62.39      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -14.24       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -19.79       |  |            |
| 08 14 23 19-0006                                                | EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....     | 225.38       |  | 62.39      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -14.39       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -20.02       |  |            |
| 08 14 23 19-0007                                                | EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 233.86       |  | 65.10      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -14.95       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -20.79       |  |            |
| 08 14 23 19-0008                                                | EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 245.25       |  | 65.10      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -15.52       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -21.65       |  |            |
| 08 14 23 19-0009                                                | EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....      | 258.05       |  | 67.81      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -16.29       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -22.74       |  |            |
| 08 14 23 19-0010                                                | EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....         | 212.57       |  | 59.67      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -13.61       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -18.93       |  |            |
| 08 14 23 19-0011                                                | EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....         | 212.57       |  | 59.67      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -13.61       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -18.93       |  |            |
| 08 14 23 19-0012                                                | EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....         | 224.78       |  | 62.39      |
|                                                                 | For >50 To 100, Deduct                                                                                                      | -14.36       |  |            |
|                                                                 | For >100, Deduct                                                                                                            | -19.98       |  |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                                                             | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 23 19-0013 | EA  | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....228.01 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.52      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.22      |                           |                         |
| 08 14 23 19-0014 | EA  | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door    | .....231.23 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.68      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.46      |                           |                         |
| 08 14 23 19-0015 | EA  | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....239.89 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.25      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.25      |                           |                         |
| 08 14 23 19-0016 | EA  | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....251.93 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.85      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -22.15      |                           |                         |
| 08 14 23 19-0017 | EA  | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....265.16 | 67.81                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -16.65      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -23.28      |                           |                         |
| 08 14 23 19-0018 | EA  | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....230.75 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.52      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.29      |                           |                         |
| 08 14 23 19-0019 | EA  | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....230.75 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.52      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.29      |                           |                         |
| 08 14 23 19-0020 | EA  | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....244.30 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.33      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.44      |                           |                         |
| 08 14 23 19-0021 | EA  | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....248.14 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.53      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.73      |                           |                         |
| 08 14 23 19-0022 | EA  | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door    | .....252.00 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.72      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -22.02      |                           |                         |
| 08 14 23 19-0023 | EA  | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....261.27 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -16.32      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -22.85      |                           |                         |
| 08 14 23 19-0024 | EA  | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....275.67 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -17.04      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -23.93      |                           |                         |
| 08 14 23 19-0025 | EA  | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....290.42 | 67.81                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -17.91      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -25.17      |                           |                         |
| 08 14 23 19-0026 |     | 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors                        |             |                           |                         |
| 08 14 23 19-0027 | EA  | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....229.12 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.44      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.17      |                           |                         |
| 08 14 23 19-0028 | EA  | 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....229.12 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.44      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.17      |                           |                         |
| 08 14 23 19-0029 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....237.56 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.00      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.94      |                           |                         |
| 08 14 23 19-0030 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....243.68 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.30      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.40      |                           |                         |
| 08 14 23 19-0031 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door | .....246.74 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.46      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.62      |                           |                         |
| 08 14 23 19-0032 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....255.18 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -16.01      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -22.39      |                           |                         |
| 08 14 23 19-0033 | EA  | 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....262.15 | 65.10                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -16.36      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -22.92      |                           |                         |
| 08 14 23 19-0034 | EA  | 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....290.25 | 67.81                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -17.90      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -25.16      |                           |                         |
| 08 14 23 19-0035 | EA  | 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....297.98 | 67.81                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -18.29      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -25.74      |                           |                         |
| 08 14 23 19-0036 | EA  | 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  | .....313.46 | 67.81                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -19.06      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -26.90      |                           |                         |
| 08 14 23 19-0037 | EA  | 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....235.50 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.76      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.65      |                           |                         |
| 08 14 23 19-0038 | EA  | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....235.50 | 59.67                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -14.76      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -20.65      |                           |                         |
| 08 14 23 19-0039 | EA  | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     | .....244.13 | 62.39                     |                         |
|                  |     | For>50 To 100, Deduct                                                                                           | -15.33      |                           |                         |
|                  |     | For>100, Deduct                                                                                                 | -21.43      |                           |                         |



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            |     |                                                                                                                                                                                                        | TOTAL DIRECT | DEMOLITION |
|------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|
| CSI              | UOM | DESCRIPTION                                                                                                                                                                                            | UNIT COST    | UNIT COST  |
| 08 14 23 19-0040 | EA  | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 250.60       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.65       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -21.91       |            |
| 08 14 23 19-0041 | EA  | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                           | 253.83       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.81       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -22.16       |            |
| 08 14 23 19-0042 | EA  | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 262.46       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.38       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -22.94       |            |
| 08 14 23 19-0043 | EA  | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 269.83       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.75       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -23.49       |            |
| 08 14 23 19-0044 | EA  | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 299.26       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.35       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -25.84       |            |
| 08 14 23 19-0045 | EA  | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 307.44       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.76       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -26.45       |            |
| 08 14 23 19-0046 | EA  | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 323.80       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -19.58       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -27.68       |            |
| 08 14 23 19-0047 | EA  | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 258.14       | 59.67      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.89       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -22.34       |            |
| 08 14 23 19-0048 | EA  | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 258.14       | 59.67      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.89       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -22.34       |            |
| 08 14 23 19-0049 | EA  | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 267.42       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.49       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -23.18       |            |
| 08 14 23 19-0050 | EA  | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 275.15       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.88       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -23.76       |            |
| 08 14 23 19-0051 | EA  | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                           | 278.99       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.07       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -24.04       |            |
| 08 14 23 19-0052 | EA  | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 288.26       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.67       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -24.87       |            |
| 08 14 23 19-0053 | EA  | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 297.05       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -18.11       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -25.53       |            |
| 08 14 23 19-0054 | EA  | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 331.17       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -19.95       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -28.23       |            |
| 08 14 23 19-0055 | EA  | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 340.94       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -20.44       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -28.96       |            |
| 08 14 23 19-0056 | EA  | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                            | 360.51       | 67.81      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -21.42       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -30.43       |            |
| 08 14 23 19-0057 |     | 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)                                                                                          |              |            |
|                  |     | Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. |              |            |
| 08 14 23 19-0058 | EA  | 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 248.90       | 59.67      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.43       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -21.65       |            |
| 08 14 23 19-0059 | EA  | 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 248.90       | 59.67      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -15.43       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -21.65       |            |
| 08 14 23 19-0060 | EA  | 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 261.84       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.21       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -22.76       |            |
| 08 14 23 19-0061 | EA  | 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 269.34       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.59       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -23.32       |            |
| 08 14 23 19-0062 | EA  | 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                 | 270.72       | 62.39      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -16.66       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -23.42       |            |
| 08 14 23 19-0063 | EA  | 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 277.55       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.13       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -24.07       |            |
| 08 14 23 19-0064 | EA  | 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door                                                                                  | 293.80       | 65.10      |
|                  |     | For >50 To 100, Deduct                                                                                                                                                                                 | -17.95       |            |
|                  |     | For >100, Deduct                                                                                                                                                                                       | -25.29       |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 23 19-0065 | EA  |     | 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                            | 328.87                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -19.83                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -28.06                    |                         |
| 08 14 23 19-0066 | EA  |     | 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 256.45                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -15.81                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -22.22                    |                         |
| 08 14 23 19-0067 | EA  |     | 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 256.45                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -15.81                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -22.22                    |                         |
| 08 14 23 19-0068 | EA  |     | 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 269.82                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -16.61                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -23.36                    |                         |
| 08 14 23 19-0069 | EA  |     | 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 277.74                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.01                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -23.95                    |                         |
| 08 14 23 19-0070 | EA  |     | 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                              | 279.22                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.08                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -24.06                    |                         |
| 08 14 23 19-0071 | EA  |     | 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 286.12                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.56                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -24.71                    |                         |
| 08 14 23 19-0072 | EA  |     | 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 303.33                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -18.42                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -26.00                    |                         |
| 08 14 23 19-0073 | EA  |     | 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 340.12                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -20.40                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -28.90                    |                         |
| 08 14 23 19-0074 | EA  |     | 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 283.19                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.14                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -24.22                    |                         |
| 08 14 23 19-0075 | EA  |     | 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 283.19                    | 59.67                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.14                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -24.22                    |                         |
| 08 14 23 19-0076 | EA  |     | 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 298.10                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -18.02                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -25.48                    |                         |
| 08 14 23 19-0077 | EA  |     | 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 307.58                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -18.50                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -26.19                    |                         |
| 08 14 23 19-0078 | EA  |     | 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                              | 309.33                    | 62.39                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -18.59                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -26.32                    |                         |
| 08 14 23 19-0079 | EA  |     | 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 316.53                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -19.08                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -26.99                    |                         |
| 08 14 23 19-0080 | EA  |     | 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 337.09                    | 65.10                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -20.11                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -28.54                    |                         |
| 08 14 23 19-0081 | EA  |     | 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                               | 380.01                    | 67.81                   |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -22.39                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -31.89                    |                         |
| 08 14 23 19-0082 |     |     | 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors <small>(08 14 23 19)</small><br>Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces. |                           |                         |
| 08 14 23 19-0083 | EA  |     | 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....                                                                                                                                                                                                            | 282.14                    | 59.67                   |
|                  |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add .....                                                                                                                                                                                                                                                     | 19.53                     |                         |
|                  |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add .....                                                                                                                                                                                                                                                           | 87.90                     |                         |
|                  |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add .....                                                                                                                                                                                                                                                           | 122.09                    |                         |
|                  |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add .....                                                                                                                                                                                                                                                           | 195.34                    |                         |
|                  |     |     | For >50 To 100, Deduct .....                                                                                                                                                                                                                                                                                                           | -17.09                    |                         |
|                  |     |     | For >100, Deduct .....                                                                                                                                                                                                                                                                                                                 | -24.14                    |                         |



|  |  |  |                         |              |           |
|--|--|--|-------------------------|--------------|-----------|
|  |  |  | <b>Openings</b>         | <b>08</b>    | <b>08</b> |
|  |  |  | <b>Doors and Frames</b> | <b>08 10</b> |           |
|  |  |  | <b>Wood Doors</b>       | <b>08 14</b> |           |

| MINOR            |                                                                                                                           | TOTAL DIRECT |        | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------|--------------|--------|------------|
| CSI              | UOM DESCRIPTION                                                                                                           | UNIT COST    |        | UNIT COST  |
| 08 14 23 19-0084 | EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 282.14 | 59.67      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 19.53  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 87.90  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 122.09 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 195.34 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -17.09 |            |
|                  | For >100, Deduct                                                                                                          |              | -24.14 |            |
| 08 14 23 19-0085 | EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 296.98 | 62.39      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 20.67  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 92.99  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 129.16 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 206.65 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -17.97 |            |
|                  | For >100, Deduct                                                                                                          |              | -25.39 |            |
| 08 14 23 19-0086 | EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 306.38 | 62.39      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 21.79  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 98.07  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 136.21 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 217.93 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -18.44 |            |
|                  | For >100, Deduct                                                                                                          |              | -26.10 |            |
| 08 14 23 19-0087 | EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door |              | 308.13 | 62.39      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 22.00  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 99.01  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 137.52 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 220.03 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -18.53 |            |
|                  | For >100, Deduct                                                                                                          |              | -26.23 |            |
| 08 14 23 19-0088 | EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 315.33 | 65.10      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 22.22  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 99.97  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 138.85 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 222.16 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -19.02 |            |
|                  | For >100, Deduct                                                                                                          |              | -26.90 |            |
| 08 14 23 19-0089 | EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 335.74 | 65.10      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 24.66  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 110.99 |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 154.16 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 246.65 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -20.04 |            |
|                  | For >100, Deduct                                                                                                          |              | -28.44 |            |
| 08 14 23 19-0090 | EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 378.43 | 67.81      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 29.14  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 131.11 |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 182.10 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 291.36 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -22.31 |            |
|                  | For >100, Deduct                                                                                                          |              | -31.77 |            |
| 08 14 23 19-0091 | EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 390.59 | 67.81      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 30.60  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 137.68 |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 191.22 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 305.95 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -22.92 |            |
|                  | For >100, Deduct                                                                                                          |              | -32.69 |            |
| 08 14 23 19-0092 | EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door  |              | 414.84 | 67.81      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 33.51  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 150.77 |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 209.41 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 335.05 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -24.13 |            |
|                  | For >100, Deduct                                                                                                          |              | -34.50 |            |
| 08 14 23 19-0093 | EA 2'-0" x 7" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door     |              | 291.62 | 59.67      |
|                  | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                              |              | 20.67  |            |
|                  | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 93.02  |            |
|                  | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                    |              | 129.20 |            |
|                  | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                    |              | 206.71 |            |
|                  | For >50 To 100, Deduct                                                                                                    |              | -17.57 |            |
|                  | For >100, Deduct                                                                                                          |              | -24.86 |            |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                          | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|--------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 23 19-0094             | EA | 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 291.62                    | 59.67                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 20.67                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 93.02                     |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 129.20                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 206.71                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -17.57                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -24.86                    |                         |
| 08 14 23 19-0095             | EA | 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 307.00                    | 62.39                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 21.87                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 98.40                     |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 136.67                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 218.68                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -18.47                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -26.14                    |                         |
| 08 14 23 19-0096             | EA | 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 316.96                    | 62.39                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 23.06                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 103.78                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 144.14                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 230.63                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -18.97                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -26.89                    |                         |
| 08 14 23 19-0097             | EA | 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... | 318.81                    | 62.39                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 23.28                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 104.78                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 145.53                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 232.85                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -19.06                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -27.03                    |                         |
| 08 14 23 19-0098             | EA | 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 326.11                    | 65.10                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 23.51                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 105.79                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 146.93                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 235.09                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -19.56                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -27.71                    |                         |
| 08 14 23 19-0099             | EA | 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 347.69                    | 65.10                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 26.10                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 117.44                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 163.12                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 260.99                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -20.64                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -29.33                    |                         |
| 08 14 23 19-0100             | EA | 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 392.56                    | 67.81                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 30.83                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 138.74                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 192.70                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 308.32                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -23.02                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -32.83                    |                         |
| 08 14 23 19-0101             | EA | 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 405.42                    | 67.81                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 32.37                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 145.69                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 202.34                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 323.75                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -23.66                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -33.80                    |                         |
| 08 14 23 19-0102             | EA | 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 431.10                    | 67.81                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 35.46                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 159.55                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 221.60                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 354.56                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -24.95                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -35.72                    |                         |
| 08 14 23 19-0103             | EA | 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 325.20                    | 59.67                   |
|                              |    | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add                                             | 24.70                     |                         |
|                              |    | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 111.15                    |                         |
|                              |    | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add                                                   | 154.38                    |                         |
|                              |    | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add                                                   | 247.01                    |                         |
|                              |    | For >50 To 100, Deduct                                                                                                   | -19.24                    |                         |
|                              |    | For >100, Deduct                                                                                                         | -27.37                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Wood Doors       |  |  | 08 14 |    |

| MINOR                                                                                                                   | CSI | UOM | DESCRIPTION                                                                                                              | TOTAL DIRECT UNIT COST | DEMOLITION UNIT COST |
|-------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|
| 08 14 23 19-0104                                                                                                        | EA  |     | 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 325.20                 | 59.67                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 24.70                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 111.15                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 154.38                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 247.01                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -19.24                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -27.37                 |                      |
| 08 14 23 19-0105                                                                                                        | EA  |     | 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 342.54                 | 62.39                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 26.13                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 117.60                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 163.33                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 261.32                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -20.25                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -28.81                 |                      |
| 08 14 23 19-0106                                                                                                        | EA  |     | 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 354.44                 | 62.39                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 27.56                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 124.02                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 172.25                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 275.60                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -20.84                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -29.70                 |                      |
| 08 14 23 19-0107                                                                                                        | EA  |     | 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door..... | 356.64                 | 62.39                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 27.82                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 125.21                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 173.90                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 278.24                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -20.95                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -29.87                 |                      |
| 08 14 23 19-0108                                                                                                        | EA  |     | 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 364.32                 | 65.10                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 28.09                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 126.42                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 175.59                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 280.94                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -21.47                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -30.58                 |                      |
| 08 14 23 19-0109                                                                                                        | EA  |     | 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 390.11                 | 65.10                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 31.19                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 140.35                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 194.93                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 311.89                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -22.76                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -32.51                 |                      |
| 08 14 23 19-0110                                                                                                        | EA  |     | 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 442.65                 | 67.81                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 36.84                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 165.79                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 230.27                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 368.42                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -25.52                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -36.59                 |                      |
| 08 14 23 19-0111                                                                                                        | EA  |     | 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 458.03                 | 67.81                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 38.69                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 174.10                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 241.80                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 386.88                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -26.29                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -37.74                 |                      |
| 08 14 23 19-0112                                                                                                        | EA  |     | 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....  | 488.72                 | 67.81                |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add.....                                        | 42.37                  |                      |
|                                                                                                                         |     |     | For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 190.67                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add.....                                              | 264.82                 |                      |
|                                                                                                                         |     |     | For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add.....                                              | 423.71                 |                      |
|                                                                                                                         |     |     | For >50 To 100, Deduct.....                                                                                              | -27.83                 |                      |
|                                                                                                                         |     |     | For >100, Deduct.....                                                                                                    | -40.04                 |                      |
| 08 14 66 Wood Screen Doors (08 14)                                                                                      |     |     |                                                                                                                          |                        |                      |
| 08 14 66 00-0001 Wood Screen Storm Door, Residential Grade (08 14 66)                                                   |     |     |                                                                                                                          |                        |                      |
| Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.). |     |     |                                                                                                                          |                        |                      |
| 08 14 66 00-0002                                                                                                        | EA  |     | 2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....                             | 464.09                 | 156.25               |
| 08 14 66 00-0003                                                                                                        | EA  |     | 3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....                                | 488.20                 | 173.60               |
| 08 14 66 00-0004                                                                                                        | EA  |     | 2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....                                | 464.09                 | 156.25               |
| 08 14 66 00-0005                                                                                                        | EA  |     | 3' x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....                                   | 488.20                 | 173.60               |

08 14 73 Sliding Wood Doors (08 14)

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            |                                                                                                                                                                                                    | TOTAL DIRECT |           | DEMOLITION |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                    | UNIT COST    | UNIT COST | UNIT COST  |
| 08 14 73 00-0001 | Sliding Pocket Door <small>(08 14 73)</small><br>Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added. |              |           |            |
| 08 14 73 00-0002 | Birch Faced Pocket Door <small>(08 14 73 00-0001)</small><br>Note: Includes door, frame and trim, and all mounting and door hardware.                                                              |              |           |            |
| 08 14 73 00-0003 | 1-3/8" Thick, Birch Faced Wood Pocket Door <small>(08 14 73 00-0002)</small><br>See CSI section 08 14 73 00-0055 for all jambs and track hardware.                                                 |              |           |            |
| 08 14 73 00-0004 | 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door <small>(08 14 73 00-0003)</small>                                                                                                           |              |           |            |
| 08 14 73 00-0005 | EA 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                               | 467.17       |           | 37.98      |
|                  | For Oak, Add                                                                                                                                                                                       | 107.98       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 157.27       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 229.26       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 372.84       |           |            |
| 08 14 73 00-0006 | EA 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                               | 482.08       |           | 40.69      |
|                  | For Oak, Add                                                                                                                                                                                       | 110.60       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 161.09       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 234.82       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 381.89       |           |            |
| 08 14 73 00-0007 | EA 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                               | 499.34       |           | 43.40      |
|                  | For Oak, Add                                                                                                                                                                                       | 113.87       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 165.85       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 241.77       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 393.18       |           |            |
| 08 14 73 00-0008 | EA 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                               | 511.88       |           | 46.12      |
|                  | For Oak, Add                                                                                                                                                                                       | 115.83       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 168.71       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 245.93       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 399.96       |           |            |
| 08 14 73 00-0009 | EA 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                              | 529.18       |           | 48.83      |
|                  | For Oak, Add                                                                                                                                                                                       | 119.11       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 173.48       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 252.88       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 411.26       |           |            |
| 08 14 73 00-0010 | EA 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                               | 544.08       |           | 51.54      |
|                  | For Oak, Add                                                                                                                                                                                       | 121.72       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 177.29       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 258.44       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 420.29       |           |            |
| 08 14 73 00-0011 | EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                  | 918.09       |           | 67.81      |
|                  | For Oak, Add                                                                                                                                                                                       | 215.96       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 314.55       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 458.52       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 745.68       |           |            |
| 08 14 73 00-0012 | EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                  | 971.61       |           | 73.24      |
|                  | For Oak, Add                                                                                                                                                                                       | 227.74       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 331.71       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 483.53       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 786.36       |           |            |
| 08 14 73 00-0013 | EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                  | 1,039.39     |           | 78.67      |
|                  | For Oak, Add                                                                                                                                                                                       | 243.45       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 354.58       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 516.88       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 840.59       |           |            |
| 08 14 73 00-0014 | 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0003)</small>                                                                                                               |              |           |            |
| 08 14 73 00-0015 | EA 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                                  | 550.16       |           | 37.98      |
|                  | For Oak, Add                                                                                                                                                                                       | 110.97       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 110.97       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 182.57       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 342.86       |           |            |
| 08 14 73 00-0016 | EA 2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                                  | 576.92       |           | 40.69      |
|                  | For Oak, Add                                                                                                                                                                                       | 115.96       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 115.96       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 190.79       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 358.29       |           |            |
| 08 14 73 00-0017 | EA 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                                  | 596.56       |           | 43.40      |
|                  | For Oak, Add                                                                                                                                                                                       | 119.29       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 119.29       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 196.27       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 368.58       |           |            |
| 08 14 73 00-0018 | EA 2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                                  | 613.84       |           | 46.12      |
|                  | For Oak, Add                                                                                                                                                                                       | 122.06       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 122.06       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 200.83       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 377.15       |           |            |
| 08 14 73 00-0019 | EA 2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....                                                                                                                 | 628.77       |           | 48.83      |
|                  | For Oak, Add                                                                                                                                                                                       | 124.28       |           |            |
|                  | For Ash/Hickory, Add                                                                                                                                                                               | 124.28       |           |            |
|                  | For Walnut, Add                                                                                                                                                                                    | 204.49       |           |            |
|                  | For Cherry, Add                                                                                                                                                                                    | 384.01       |           |            |





|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Wood Doors       | 08 14 |    |

| MINOR            | CSI | UOM                                                                                       | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 73 00-0020 | EA  | 3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door                 | .....       | 648.41                    | 51.54                   |
|                  |     | For Oak, Add                                                                              | .....       | 127.61                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 127.61                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 209.96                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 394.29                    |                         |
| 08 14 73 00-0021 | EA  | 4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door    | .....       | 1,084.07                  | 67.81                   |
|                  |     | For Oak, Add                                                                              | .....       | 221.93                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 221.93                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 365.15                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 685.72                    |                         |
| 08 14 73 00-0022 | EA  | 5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door    | .....       | 1,166.04                  | 73.24                   |
|                  |     | For Oak, Add                                                                              | .....       | 238.58                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 238.58                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 392.53                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 737.15                    |                         |
| 08 14 73 00-0023 | EA  | 6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door       | .....       | 1,248.05                  | 78.67                   |
|                  |     | For Oak, Add                                                                              | .....       | 255.23                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 255.23                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 419.92                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 788.58                    |                         |
| 08 14 73 00-0024 |     | 1-3/4" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0024)                             |             |                           |                         |
|                  |     | See CSI section 08 14 73 00-0055 for all jambs and track hardware.                        |             |                           |                         |
| 08 14 73 00-0025 |     | 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)                  |             |                           |                         |
| 08 14 73 00-0026 | EA  | 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 692.43                    | 37.98                   |
|                  |     | For Oak, Add                                                                              | .....       | 144.26                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 144.26                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 237.35                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 445.72                    |                         |
| 08 14 73 00-0027 | EA  | 2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 726.30                    | 40.69                   |
|                  |     | For Oak, Add                                                                              | .....       | 150.92                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 150.92                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 248.30                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 466.29                    |                         |
| 08 14 73 00-0028 | EA  | 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 745.94                    | 43.40                   |
|                  |     | For Oak, Add                                                                              | .....       | 154.25                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 154.25                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 253.78                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 476.58                    |                         |
| 08 14 73 00-0029 | EA  | 2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 767.96                    | 46.12                   |
|                  |     | For Oak, Add                                                                              | .....       | 158.13                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 158.13                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 260.17                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 488.57                    |                         |
| 08 14 73 00-0030 | EA  | 2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door             | .....       | 787.63                    | 48.83                   |
|                  |     | For Oak, Add                                                                              | .....       | 161.46                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 161.46                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 265.65                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 498.86                    |                         |
| 08 14 73 00-0031 | EA  | 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 807.28                    | 51.54                   |
|                  |     | For Oak, Add                                                                              | .....       | 164.79                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 164.79                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 271.12                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 509.15                    |                         |
| 08 14 73 00-0032 | EA  | 4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,368.60                  | 67.81                   |
|                  |     | For Oak, Add                                                                              | .....       | 288.51                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 288.51                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 474.69                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 891.44                    |                         |
| 08 14 73 00-0033 | EA  | 5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,464.80                  | 73.24                   |
|                  |     | For Oak, Add                                                                              | .....       | 308.49                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 308.49                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 507.56                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 953.15                    |                         |
| 08 14 73 00-0034 | EA  | 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,565.77                  | 78.67                   |
|                  |     | For Oak, Add                                                                              | .....       | 329.57                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 329.57                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 542.25                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 1,018.29                  |                         |
| 08 14 73 00-0035 |     | 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)                     |             |                           |                         |
| 08 14 73 00-0036 | EA  | 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door                 | .....       | 739.85                    | 37.98                   |
|                  |     | For Oak, Add                                                                              | .....       | 155.35                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 155.35                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 255.61                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 480.01                    |                         |
| 08 14 73 00-0037 | EA  | 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door                 | .....       | 778.46                    | 40.69                   |
|                  |     | For Oak, Add                                                                              | .....       | 163.12                    |                         |
|                  |     | For Ash/Hickory, Add                                                                      | .....       | 163.12                    |                         |
|                  |     | For Walnut, Add                                                                           | .....       | 268.38                    |                         |
|                  |     | For Cherry, Add                                                                           | .....       | 504.00                    |                         |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR            | CSI | UOM                                                                                    | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 14 73 00-0038 | EA  | 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 800.47                    | 43.40                   |
|                  |     | For Oak, Add                                                                           | .....       | 167.01                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 167.01                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 274.77                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 516.01                    |                         |
| 08 14 73 00-0039 | EA  | 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 822.50                    | 46.12                   |
|                  |     | For Oak, Add                                                                           | .....       | 170.89                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 170.89                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 281.17                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 528.01                    |                         |
| 08 14 73 00-0040 | EA  | 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door             | .....       | 842.17                    | 48.83                   |
|                  |     | For Oak, Add                                                                           | .....       | 174.22                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 174.22                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 286.64                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 538.30                    |                         |
| 08 14 73 00-0041 | EA  | 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 864.18                    | 51.54                   |
|                  |     | For Oak, Add                                                                           | .....       | 178.10                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 178.10                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 293.03                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 550.29                    |                         |
| 08 14 73 00-0042 | EA  | 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,463.45                  | 67.81                   |
|                  |     | For Oak, Add                                                                           | .....       | 310.71                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 310.71                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 511.21                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 960.01                    |                         |
| 08 14 73 00-0043 | EA  | 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,573.87                  | 73.24                   |
|                  |     | For Oak, Add                                                                           | .....       | 334.01                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 334.01                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 549.55                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 1,032.01                  |                         |
| 08 14 73 00-0044 | EA  | 6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,679.59                  | 78.67                   |
|                  |     | For Oak, Add                                                                           | .....       | 356.21                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 356.21                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 586.07                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 1,100.59                  |                         |
| 08 14 73 00-0045 |     | 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)                  | .....       |                           |                         |
| 08 14 73 00-0046 | EA  | 2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced                    | .....       | 787.27                    | 37.98                   |
|                  |     | For Oak, Add                                                                           | .....       | 166.45                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 166.45                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 273.86                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 514.29                    |                         |
| 08 14 73 00-0047 | EA  | 2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 825.89                    | 40.69                   |
|                  |     | For Oak, Add                                                                           | .....       | 174.22                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 174.22                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 286.64                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 538.30                    |                         |
| 08 14 73 00-0048 | EA  | 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 850.26                    | 43.40                   |
|                  |     | For Oak, Add                                                                           | .....       | 178.66                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 178.66                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 293.94                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 552.00                    |                         |
| 08 14 73 00-0049 | EA  | 2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 874.66                    | 46.12                   |
|                  |     | For Oak, Add                                                                           | .....       | 183.10                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 183.10                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 301.25                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 565.72                    |                         |
| 08 14 73 00-0050 | EA  | 2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door             | .....       | 894.33                    | 48.83                   |
|                  |     | For Oak, Add                                                                           | .....       | 186.43                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 186.43                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 306.73                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 576.01                    |                         |
| 08 14 73 00-0051 | EA  | 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door              | .....       | 918.72                    | 51.54                   |
|                  |     | For Oak, Add                                                                           | .....       | 190.86                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 190.86                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 314.03                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 589.72                    |                         |
| 08 14 73 00-0052 | EA  | 4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,558.29                  | 67.81                   |
|                  |     | For Oak, Add                                                                           | .....       | 332.90                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 332.90                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 547.72                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 1,028.58                  |                         |
| 08 14 73 00-0053 | EA  | 5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,673.46                  | 73.24                   |
|                  |     | For Oak, Add                                                                           | .....       | 357.32                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 357.32                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 587.89                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 1,104.01                  |                         |
| 08 14 73 00-0054 | EA  | 6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door | .....       | 1,788.66                  | 78.67                   |
|                  |     | For Oak, Add                                                                           | .....       | 381.73                    |                         |
|                  |     | For Ash/Hickory, Add                                                                   | .....       | 381.73                    |                         |
|                  |     | For Walnut, Add                                                                        | .....       | 628.06                    |                         |
|                  |     | For Cherry, Add                                                                        | .....       | 1,179.44                  |                         |
| 08 14 73 00-0055 |     | Accessories (08 14 73 00-0001)                                                         | .....       |                           |                         |



|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Wood Doors</b>       | <b>08 14</b> |

08

| MINOR                                                                                                                                                                                             |                                                                                                                                             | TOTAL DIRECT |  | DEMOLITION |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION                                                                                                                                                                               |                                                                                                                                             | UNIT COST    |  | UNIT COST  |
| <b>08 14 73 00-0056 Jamb Replacement</b> (08 14 73 00-0055)                                                                                                                                       |                                                                                                                                             |              |  |            |
| 08 14 73 00-0057                                                                                                                                                                                  | EA 4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors .....                                                                           | 127.65       |  |            |
|                                                                                                                                                                                                   | For Oak, Add                                                                                                                                | 8.29         |  |            |
|                                                                                                                                                                                                   | For Ash/Hickory, Add                                                                                                                        | 12.99        |  |            |
|                                                                                                                                                                                                   | For Walnut, Add                                                                                                                             | 28.41        |  |            |
|                                                                                                                                                                                                   | For Cherry, Add                                                                                                                             | 44.99        |  |            |
| 08 14 73 00-0058                                                                                                                                                                                  | EA 5-1/4" Birch Jamb Replacement For Pocket Doors .....                                                                                     | 130.01       |  |            |
|                                                                                                                                                                                                   | For Oak, Add                                                                                                                                | 8.56         |  |            |
|                                                                                                                                                                                                   | For Ash/Hickory, Add                                                                                                                        | 13.41        |  |            |
|                                                                                                                                                                                                   | For Walnut, Add                                                                                                                             | 29.32        |  |            |
|                                                                                                                                                                                                   | For Cherry, Add                                                                                                                             | 46.44        |  |            |
| 08 14 73 00-0059                                                                                                                                                                                  | EA 6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors .....                                                                          | 145.40       |  |            |
|                                                                                                                                                                                                   | For Oak, Add                                                                                                                                | 10.30        |  |            |
|                                                                                                                                                                                                   | For Ash/Hickory, Add                                                                                                                        | 16.13        |  |            |
|                                                                                                                                                                                                   | For Walnut, Add                                                                                                                             | 35.28        |  |            |
|                                                                                                                                                                                                   | For Cherry, Add                                                                                                                             | 55.87        |  |            |
| <b>08 14 73 00-0060 Track And Hardware Replacement Kits</b> (08 14 73 00-0055)                                                                                                                    |                                                                                                                                             |              |  |            |
| Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.                                                                                                                    |                                                                                                                                             |              |  |            |
| 08 14 73 00-0061                                                                                                                                                                                  | EA Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door .....                                                            | 331.51       |  |            |
| 08 14 73 00-0062                                                                                                                                                                                  | EA 2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door .....                                                                  | 334.63       |  |            |
| 08 14 73 00-0063                                                                                                                                                                                  | EA 3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door .....                                                                  | 340.89       |  |            |
| 08 14 73 00-0064                                                                                                                                                                                  | EA Up To 2'-6" x 7" Door Track And Hardware Replacement For Pocket Door .....                                                               | 400.29       |  |            |
| 08 14 73 00-0065                                                                                                                                                                                  | EA 2'-8" x 7" Door Track And Hardware Replacement For Pocket Door .....                                                                     | 403.42       |  |            |
| 08 14 73 00-0066                                                                                                                                                                                  | EA 3'-0" x 7" Door Track And Hardware Replacement For Pocket Door .....                                                                     | 409.67       |  |            |
| 08 14 73 00-0067                                                                                                                                                                                  | EA Up To 2'-6" x 8' Door Track And Hardware .....                                                                                           | 431.56       |  |            |
| 08 14 73 00-0068                                                                                                                                                                                  | EA 2'-8" x 8' Door Track And Hardware Replacement For Pocket Door .....                                                                     | 434.69       |  |            |
| 08 14 73 00-0069                                                                                                                                                                                  | EA 3'-0" x 8' Door Track And Hardware Replacement For Pocket Door .....                                                                     | 440.94       |  |            |
| 08 14 73 00-0070                                                                                                                                                                                  | EA Double Door Converging Kit For Pocket Door .....                                                                                         | 47.55        |  |            |
| <b>08 14 73 00-0071 Bi-Pass Doors</b> (08 14 73)                                                                                                                                                  |                                                                                                                                             |              |  |            |
| Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 LB maximum door weight (each opening).                                                               |                                                                                                                                             |              |  |            |
| <b>08 14 73 00-0072 Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)                                                                                                |                                                                                                                                             |              |  |            |
| 08 14 73 00-0073                                                                                                                                                                                  | EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors .....                                 | 439.56       |  | 86.77      |
| 08 14 73 00-0074                                                                                                                                                                                  | EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors .....                                 | 483.67       |  | 92.18      |
| 08 14 73 00-0075                                                                                                                                                                                  | EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors .....                                 | 528.31       |  | 97.61      |
| 08 14 73 00-0076                                                                                                                                                                                  | EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors .....                                | 732.87       |  | 103.04     |
| <b>08 14 73 00-0077 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)                                                                                                |                                                                                                                                             |              |  |            |
| 08 14 73 00-0078                                                                                                                                                                                  | EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors .....                                 | 408.74       |  | 86.77      |
| 08 14 73 00-0079                                                                                                                                                                                  | EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors .....                                 | 435.62       |  | 92.18      |
| 08 14 73 00-0080                                                                                                                                                                                  | EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors .....                                 | 475.43       |  | 97.61      |
| 08 14 73 00-0081                                                                                                                                                                                  | EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors .....                                | 671.24       |  | 103.04     |
| <b>08 14 73 00-0082 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)                                                                 |                                                                                                                                             |              |  |            |
| 08 14 73 00-0083                                                                                                                                                                                  | EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors .....  | 440.42       |  | 86.77      |
| 08 14 73 00-0084                                                                                                                                                                                  | EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors .....  | 481.52       |  | 92.18      |
| 08 14 73 00-0085                                                                                                                                                                                  | EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors .....  | 524.75       |  | 97.61      |
| 08 14 73 00-0086                                                                                                                                                                                  | EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors ..... | 734.61       |  | 103.04     |
| <b>08 14 76 Bifolding Wood Doors</b> (08 14)                                                                                                                                                      |                                                                                                                                             |              |  |            |
| <b>08 14 76 00-0001 Bi-Fold Wood Doors</b> (08 14 76)                                                                                                                                             |                                                                                                                                             |              |  |            |
| Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs. |                                                                                                                                             |              |  |            |
| <b>08 14 76 00-0002 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors</b> (08 14 76 00-0001)                                                                                                |                                                                                                                                             |              |  |            |
| 08 14 76 00-0003                                                                                                                                                                                  | EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                              | 205.58       |  | 65.07      |
| 08 14 76 00-0004                                                                                                                                                                                  | EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                              | 216.42       |  | 70.50      |
| 08 14 76 00-0005                                                                                                                                                                                  | EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                              | 232.30       |  | 75.92      |
| 08 14 76 00-0006                                                                                                                                                                                  | EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                              | 243.14       |  | 81.34      |
| 08 14 76 00-0007                                                                                                                                                                                  | EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                             | 318.29       |  | 86.77      |
| 08 14 76 00-0008                                                                                                                                                                                  | EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                             | 329.14       |  | 92.18      |
| 08 14 76 00-0009                                                                                                                                                                                  | EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....                             | 350.65       |  | 97.61      |
| <b>08 14 76 00-0010 Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors</b> (08 14 76 00-0001)                                                                                                |                                                                                                                                             |              |  |            |
| 08 14 76 00-0011                                                                                                                                                                                  | EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....                              | 217.88       |  | 65.07      |
| 08 14 76 00-0012                                                                                                                                                                                  | EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....                              | 232.76       |  | 70.50      |
| 08 14 76 00-0013                                                                                                                                                                                  | EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....                              | 251.36       |  | 75.92      |

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                        |    |                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 14 76 00-0014                                                                                                                                                                                                    | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....                                 | 262.20                    | 81.34                   |
| 08 14 76 00-0015                                                                                                                                                                                                    | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....                                | 344.64                    | 86.77                   |
| 08 14 76 00-0016                                                                                                                                                                                                    | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....                                | 370.22                    | 92.18                   |
| 08 14 76 00-0017                                                                                                                                                                                                    | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors.....                                | 397.33                    | 97.61                   |
| <b>08 14 76 00-0018 Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)</b>                                                                                                                    |    |                                                                                                                                            |                           |                         |
| 08 14 76 00-0019                                                                                                                                                                                                    | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                   | 218.45                    | 65.07                   |
| 08 14 76 00-0020                                                                                                                                                                                                    | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                   | 240.65                    | 70.50                   |
| 08 14 76 00-0021                                                                                                                                                                                                    | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                   | 258.63                    | 75.92                   |
| 08 14 76 00-0022                                                                                                                                                                                                    | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                   | 269.47                    | 81.34                   |
| 08 14 76 00-0023                                                                                                                                                                                                    | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                  | 351.00                    | 86.77                   |
| 08 14 76 00-0024                                                                                                                                                                                                    | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                  | 364.41                    | 92.18                   |
| 08 14 76 00-0025                                                                                                                                                                                                    | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                                  | 397.33                    | 97.61                   |
| <b>08 14 76 00-0026 Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 00-0001)</b>                                                                                                            |    |                                                                                                                                            |                           |                         |
| 08 14 76 00-0027                                                                                                                                                                                                    | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                           | 584.27                    | 65.07                   |
| 08 14 76 00-0028                                                                                                                                                                                                    | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                           | 668.49                    | 70.50                   |
| 08 14 76 00-0029                                                                                                                                                                                                    | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                           | 764.61                    | 75.92                   |
| 08 14 76 00-0030                                                                                                                                                                                                    | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                           | 775.45                    | 81.34                   |
| 08 14 76 00-0031                                                                                                                                                                                                    | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                          | 1,081.78                  | 86.77                   |
| 08 14 76 00-0032                                                                                                                                                                                                    | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                          | 1,239.38                  | 92.18                   |
| 08 14 76 00-0033                                                                                                                                                                                                    | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors.....                          | 1,420.76                  | 97.61                   |
| <b>08 14 76 00-0034 Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)</b>                                                                                                             |    |                                                                                                                                            |                           |                         |
| 08 14 76 00-0035                                                                                                                                                                                                    | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                            | 752.84                    | 65.07                   |
| 08 14 76 00-0036                                                                                                                                                                                                    | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                            | 817.22                    | 70.50                   |
| 08 14 76 00-0037                                                                                                                                                                                                    | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                            | 893.51                    | 75.92                   |
| 08 14 76 00-0038                                                                                                                                                                                                    | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                            | 904.35                    | 81.34                   |
| 08 14 76 00-0039                                                                                                                                                                                                    | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                           | 1,418.90                  | 86.77                   |
| 08 14 76 00-0040                                                                                                                                                                                                    | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                           | 1,536.84                  | 92.18                   |
| 08 14 76 00-0041                                                                                                                                                                                                    | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors.....                           | 1,678.56                  | 97.61                   |
| <b>08 14 76 00-0042 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors (08 14 76 00-0001)</b>                                                                                   |    |                                                                                                                                            |                           |                         |
| 08 14 76 00-0043                                                                                                                                                                                                    | EA | 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....  | 209.91                    | 65.07                   |
| 08 14 76 00-0044                                                                                                                                                                                                    | EA | 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....  | 225.81                    | 70.50                   |
| 08 14 76 00-0045                                                                                                                                                                                                    | EA | 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....  | 247.37                    | 75.92                   |
| 08 14 76 00-0046                                                                                                                                                                                                    | EA | 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors.....  | 249.18                    | 81.34                   |
| 08 14 76 00-0047                                                                                                                                                                                                    | EA | 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors..... | 311.16                    | 86.77                   |
| 08 14 76 00-0048                                                                                                                                                                                                    | EA | 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors..... | 336.17                    | 92.18                   |
| 08 14 76 00-0049                                                                                                                                                                                                    | EA | 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors..... | 377.59                    | 97.61                   |
| <b>08 15 Plastic Doors (08 10)</b>                                                                                                                                                                                  |    |                                                                                                                                            |                           |                         |
| Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.                                                           |    |                                                                                                                                            |                           |                         |
| <b>08 15 13 Laminated Plastic Doors (08 15)</b>                                                                                                                                                                     |    |                                                                                                                                            |                           |                         |
| <b>08 15 13 00-0001 High Pressure Laminated Plastic Doors (08 15 13)</b>                                                                                                                                            |    |                                                                                                                                            |                           |                         |
| Note: 0.125" acrylic/PVC thermoplastic face sheet over 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel. |    |                                                                                                                                            |                           |                         |
| 08 15 13 00-0002                                                                                                                                                                                                    | EA | 1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                     | 269.56                    | 54.25                   |
| 08 15 13 00-0003                                                                                                                                                                                                    | EA | 1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                     | 269.56                    | 54.25                   |
| 08 15 13 00-0004                                                                                                                                                                                                    | EA | 1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                        | 269.56                    | 54.25                   |
| 08 15 13 00-0005                                                                                                                                                                                                    | EA | 1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                        | 269.56                    | 54.25                   |
| 08 15 13 00-0006                                                                                                                                                                                                    | EA | 2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                        | 280.42                    | 59.67                   |
| 08 15 13 00-0007                                                                                                                                                                                                    | EA | 2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                        | 280.42                    | 59.67                   |
| 08 15 13 00-0008                                                                                                                                                                                                    | EA | 2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                           | 280.42                    | 59.67                   |
| 08 15 13 00-0009                                                                                                                                                                                                    | EA | 2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                           | 280.42                    | 59.67                   |
| 08 15 13 00-0010                                                                                                                                                                                                    | EA | 2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                     | 302.47                    | 62.39                   |
| 08 15 13 00-0011                                                                                                                                                                                                    | EA | 2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                     | 302.47                    | 62.39                   |
| 08 15 13 00-0012                                                                                                                                                                                                    | EA | 2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                        | 302.47                    | 59.67                   |
| 08 15 13 00-0013                                                                                                                                                                                                    | EA | 2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                        | 302.47                    | 62.39                   |
| 08 15 13 00-0014                                                                                                                                                                                                    | EA | 3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                        | 324.53                    | 65.10                   |
| 08 15 13 00-0015                                                                                                                                                                                                    | EA | 3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                        | 324.53                    | 65.10                   |
| 08 15 13 00-0016                                                                                                                                                                                                    | EA | 3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                           | 324.53                    | 65.10                   |
| 08 15 13 00-0017                                                                                                                                                                                                    | EA | 3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                           | 324.53                    | 65.10                   |
| 08 15 13 00-0018                                                                                                                                                                                                    | EA | 3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                     | 356.22                    | 67.81                   |
| 08 15 13 00-0019                                                                                                                                                                                                    | EA | 3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                     | 356.22                    | 67.81                   |



|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Plastic Doors</b>    | <b>08 15</b> |

08

| MINOR                                                                                                                                                |                                                                                                                                             | TOTAL DIRECT |  | DEMOLITION |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI UOM DESCRIPTION                                                                                                                                  |                                                                                                                                             | UNIT COST    |  | UNIT COST  |
| 08 15 13 00-0020                                                                                                                                     | EA 3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                      | 356.22       |  | 67.81      |
| 08 15 13 00-0021                                                                                                                                     | EA 3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                      | 356.22       |  | 67.81      |
| 08 15 13 00-0022                                                                                                                                     | EA 4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                      | 401.21       |  | 73.24      |
| 08 15 13 00-0023                                                                                                                                     | EA 4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                      | 401.21       |  | 73.24      |
| 08 15 13 00-0024                                                                                                                                     | EA 4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....                                                                         | 401.21       |  | 73.24      |
| 08 15 13 00-0025                                                                                                                                     | EA 4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....                                                                         | 401.21       |  | 73.24      |
| <b>08 16 Composite Doors</b> (08 10)                                                                                                                 |                                                                                                                                             |              |  |            |
| Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.                   |                                                                                                                                             |              |  |            |
| <b>08 16 13 Fiberglass Doors</b> (08 16)                                                                                                             |                                                                                                                                             |              |  |            |
| See CSI section 08 70 00 00-0000 for finish hardware.                                                                                                |                                                                                                                                             |              |  |            |
| 08 16 13 00-0001                                                                                                                                     | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors (08 16 13)                                                       |              |  |            |
| 08 16 13 00-0002                                                                                                                                     | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0001)                                   |              |  |            |
| 08 16 13 00-0003                                                                                                                                     | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0002)                                   |              |  |            |
| Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.                                               |                                                                                                                                             |              |  |            |
| 08 16 13 00-0004                                                                                                                                     | Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)                         |              |  |            |
| Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. |                                                                                                                                             |              |  |            |
| 08 16 13 00-0005                                                                                                                                     | 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)              |              |  |            |
| 08 16 13 00-0006                                                                                                                                     | EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                           | 2,925.40     |  | 65.10      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0007                                                                                                                                     | EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                        | 3,122.82     |  | 67.81      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0008                                                                                                                                     | EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                           | 3,423.28     |  | 73.24      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0009                                                                                                                                     | 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)                 |              |  |            |
| 08 16 13 00-0010                                                                                                                                     | EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                              | 2,925.40     |  | 65.10      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0011                                                                                                                                     | EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                           | 3,200.92     |  | 67.81      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0012                                                                                                                                     | EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                              | 3,506.26     |  | 73.24      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0013                                                                                                                                     | Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)                       |              |  |            |
| Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. |                                                                                                                                             |              |  |            |
| 08 16 13 00-0014                                                                                                                                     | 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)             |              |  |            |
| 08 16 13 00-0015                                                                                                                                     | 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014) |              |  |            |
| 08 16 13 00-0016                                                                                                                                     | EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....              | 3,472.08     |  | 65.10      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0017                                                                                                                                     | EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....           | 3,544.22     |  | 67.81      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0018                                                                                                                                     | EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....              | 4,041.54     |  | 73.24      |
|                                                                                                                                                      | For Custom Color Finish, Add                                                                                                                | 152.13       |  |            |
|                                                                                                                                                      | For Stainless Steel Continuous Hinge, Add                                                                                                   | 338.61       |  |            |
| 08 16 13 00-0019                                                                                                                                     | 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)    |              |  |            |

**08 Openings****08 10 Doors and Frames****08 16 Composite Doors**

| MINOR<br>CSI     | UOM | DESCRIPTION                                                                                                                                 | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 16 13 00-0020 | EA  | 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 3,472.08                  | 65.10                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0021 | EA  | 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 3,798.03                  | 67.81                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0022 | EA  | 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 4,135.91                  | 73.24                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0023 |     | 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)             |                           |                         |
| 08 16 13 00-0024 |     | 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023) |                           |                         |
| 08 16 13 00-0025 | EA  | 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 3,472.08                  | 65.10                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0026 | EA  | 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....              | 3,544.22                  | 67.81                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0027 | EA  | 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 4,041.54                  | 73.24                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0028 |     | 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023)    |                           |                         |
| 08 16 13 00-0029 | EA  | 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 3,472.08                  | 65.10                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0030 | EA  | 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 3,798.03                  | 67.81                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0031 | EA  | 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 4,135.91                  | 73.24                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0032 |     | 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)             |                           |                         |
| 08 16 13 00-0033 |     | 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032) |                           |                         |
| 08 16 13 00-0034 | EA  | 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 3,472.08                  | 65.10                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0035 | EA  | 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....              | 3,544.22                  | 67.81                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0036 | EA  | 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 4,041.54                  | 73.24                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0037 |     | 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032)    |                           |                         |
| 08 16 13 00-0038 | EA  | 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 3,472.08                  | 65.10                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0039 | EA  | 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                 | 3,798.03                  | 67.81                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |
| 08 16 13 00-0040 | EA  | 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....                    | 4,135.91                  | 73.24                   |
|                  |     | For Custom Color Finish, Add.....                                                                                                           | 152.13                    |                         |
|                  |     | For Stainless Steel Continuous Hinge, Add.....                                                                                              | 338.61                    |                         |



|                  |  |  |       |    |
|------------------|--|--|-------|----|
| Openings         |  |  | 08    | 08 |
| Doors and Frames |  |  | 08 10 |    |
| Composite Doors  |  |  | 08 16 |    |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                                                  | TOTAL DIRECT<br>UNIT COST    | DEMOLITION<br>UNIT COST |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|
| 08 16 13 00-0041             | Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)<br><small>(08 16 13 00-0003)</small><br>Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. |                              |                         |
| 08 16 13 00-0042             | 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)<br><small>(08 16 13 00-0041)</small>                                                                                                                                             |                              |                         |
| 08 16 13 00-0043             | EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                  | 3,092.99<br>152.13<br>338.61 | 65.10                   |
| 08 16 13 00-0044             | 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)<br><small>(08 16 13 00-0041)</small>                                                                                                                                                |                              |                         |
| 08 16 13 00-0045             | EA 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                     | 3,092.99<br>152.13<br>338.61 | 65.10                   |
| 08 16 13 00-0046             | Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf)<br><small>(08 16 13 00-0002)</small>                                                                                                                                                                 |                              |                         |
| 08 16 13 00-0047             | SI 1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf) .....                                                                                                                                                                                                                               | 0.42                         |                         |
| 08 16 13 00-0048             | SI 1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf) .....                                                                                                                                                                                                                              | 0.42                         |                         |
| 08 16 13 00-0049             | SI 1/4" Wire, Factory Installed Vision Glass (Chem-Pruf) .....                                                                                                                                                                                                                                   | 0.56                         |                         |
| 08 16 13 00-0050             | SI 1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf) .....                                                                                                                                                                                                                              | 0.54                         |                         |
| 08 16 13 00-0051             | SI Factory Installed Molded Louver (Chem-Pruf) .....                                                                                                                                                                                                                                             | 1.07                         |                         |
| 08 16 13 00-0052             | SI Factory Installed Molded Louver With Insect Screen (Chem-Pruf) .....                                                                                                                                                                                                                          | 1.20                         |                         |
| 08 16 13 00-0053             | LF Weather Strip (Chem-Pruf) .....                                                                                                                                                                                                                                                               | 11.39                        |                         |
| 08 16 13 00-0054             | LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf) .....                                                                                                                                                                                                                    | 14.64                        |                         |
| 08 16 13 00-0055             | LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf) .....                                                                                                                                                                                                         | 30.91                        |                         |
| 08 16 13 00-0056             | LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf) .....                                                                                                                                                                                                                            | 34.17                        |                         |
| 08 16 13 00-0057             | LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf) .....                                                                                                                                                                                                            | 66.71                        |                         |
| 08 16 13 00-0058             | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0001)</small>                                                                                                                                                                     |                              |                         |
| 08 16 13 00-0059             | Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0058)</small><br>Note: White, tan, brown or gray finish. Includes factory hardware prep.                                                                                          |                              |                         |
| 08 16 13 00-0060             | Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0059)</small><br>Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.   |                              |                         |
| 08 16 13 00-0061             | 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0060)</small>                                                                                                                                                |                              |                         |
| 08 16 13 00-0062             | EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                     | 2,236.49<br>152.13<br>338.61 | 65.10                   |
| 08 16 13 00-0063             | EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                  | 2,267.52<br>152.13<br>338.61 | 67.81                   |
| 08 16 13 00-0064             | EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                     | 2,376.80<br>152.13<br>338.61 | 73.24                   |
| 08 16 13 00-0065             | 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0060)</small>                                                                                                                                                   |                              |                         |
| 08 16 13 00-0066             | EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                        | 2,236.49<br>152.13<br>338.61 | 65.10                   |
| 08 16 13 00-0067             | EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                     | 2,365.95<br>152.13<br>338.61 | 67.81                   |
| 08 16 13 00-0068             | EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                                        | 2,376.80<br>152.13<br>338.61 | 73.24                   |
| 08 16 13 00-0069             | Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0059)</small><br>Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. |                              |                         |
| 08 16 13 00-0070             | 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)<br><small>(08 16 13 00-0069)</small>                                                                                                                                               |                              |                         |

**08 Openings****08 10 Doors and Frames****08 16 Composite Doors**

| MINOR            |                                                                                                                                                             | TOTAL DIRECT |           | DEMOLITION |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                             | UNIT COST    | UNIT COST | UNIT COST  |
| 08 16 13 00-0071 | 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0070)</small> |              |           |            |
| 08 16 13 00-0072 | EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,713.01     | 65.10     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0073 | EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                         | 3,789.31     | 67.81     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0074 | EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,969.47     | 73.24     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0075 | 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0070)</small>    |              |           |            |
| 08 16 13 00-0076 | EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                               | 3,713.01     | 65.10     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0077 | EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,816.87     | 67.81     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0078 | EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                               | 4,054.12     | 73.24     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0079 | 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0069)</small>             |              |           |            |
| 08 16 13 00-0080 | 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0079)</small> |              |           |            |
| 08 16 13 00-0081 | EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,713.01     | 65.10     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0082 | EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                         | 3,789.31     | 67.81     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0083 | EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,969.47     | 73.24     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0084 | 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0079)</small>    |              |           |            |
| 08 16 13 00-0085 | EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                               | 3,713.01     | 65.10     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0086 | EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,816.87     | 67.81     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0087 | EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                               | 4,054.12     | 73.24     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0088 | 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0069)</small>             |              |           |            |
| 08 16 13 00-0089 | 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small> |              |           |            |
| 08 16 13 00-0090 | EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                            | 3,713.01     | 65.10     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |
| 08 16 13 00-0091 | EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....                         | 3,789.31     | 67.81     |            |
|                  | For Custom Color Finish, Add .....                                                                                                                          | 152.13       |           |            |
|                  | For Stainless Steel Continuous Hinge, Add .....                                                                                                             | 338.61       |           |            |





|  |  |                         |              |
|--|--|-------------------------|--------------|
|  |  | <b>Openings</b>         | <b>08</b>    |
|  |  | <b>Doors and Frames</b> | <b>08 10</b> |
|  |  | <b>Composite Doors</b>  | <b>08 16</b> |

| MINOR            |                                                                                                                                                                                                                                                                                 | TOTAL DIRECT |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                 | UNIT COST    |  | UNIT COST  |
| 08 16 13 00-0092 | EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                       | 3,969.47     |  | 73.24      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0093 | 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)                                                                                                                                       |              |  |            |
| 08 16 13 00-0094 | EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                          | 3,713.01     |  | 65.10      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0095 | EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                       | 3,816.87     |  | 67.81      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0096 | EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                          | 4,054.12     |  | 73.24      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0097 | Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0098)<br>Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware. |              |  |            |
| 08 16 13 00-0098 | 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)                                                                                                                                             |              |  |            |
| 08 16 13 00-0099 | EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                | 2,531.80     |  | 65.10      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0100 | 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)                                                                                                                                                |              |  |            |
| 08 16 13 00-0101 | EA 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....<br>For Custom Color Finish, Add .....<br>For Stainless Steel Continuous Hinge, Add .....                                                                   | 2,531.80     |  | 65.10      |
|                  |                                                                                                                                                                                                                                                                                 | 152.13       |  |            |
|                  |                                                                                                                                                                                                                                                                                 | 338.61       |  |            |
| 08 16 13 00-0102 | Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0098)                                                                                                                                                                 |              |  |            |
| 08 16 13 00-0103 | SI 1/4" Tempered, Factory Installed Vision Glass (Skule Door) .....                                                                                                                                                                                                             | 0.93         |  |            |
| 08 16 13 00-0104 | SI 1/4" Laminated, Factory Installed Vision Glass (Skule Door) .....                                                                                                                                                                                                            | 0.96         |  |            |
| 08 16 13 00-0105 | SI 1/4" Wire, Factory Installed Vision Glass (Skule Door) .....                                                                                                                                                                                                                 | 1.01         |  |            |
| 08 16 13 00-0106 | SI 1/2" Insulated, Factory Installed Vision Glass (Skule Door) .....                                                                                                                                                                                                            | 1.45         |  |            |
| 08 16 13 00-0107 | SI Factory Installed Molded Louver (Skule Door) .....                                                                                                                                                                                                                           | 0.57         |  |            |
| 08 16 13 00-0108 | SI Factory Installed Molded Louver With Insect Screen (Skule Door) .....                                                                                                                                                                                                        | 0.92         |  |            |
| 08 16 13 00-0109 | LF Weather Strip (Skule Door) .....                                                                                                                                                                                                                                             | 7.87         |  |            |
| 08 16 13 00-0110 | LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door) .....                                                                                                                                                                                                  | 9.84         |  |            |
| 08 16 13 00-0111 | LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door) .....                                                                                                                                                                                       | 31.50        |  |            |
| 08 16 13 00-0112 | LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door) .....                                                                                                                                                                                                          | 112.21       |  |            |
| 08 16 13 00-0113 | LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door) .....                                                                                                                                                                                          | 43.31        |  |            |
| 08 16 13 00-0114 | Galvanized Insulated Poly Core Composite Doors (08 16 13)                                                                                                                                                                                                                       |              |  |            |
| 08 16 13 00-0115 | EA 3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N) .....                                                                                                                                                           | 1,340.53     |  | 65.10      |
| 08 17            | Integrated Door Opening Assemblies (08 10)                                                                                                                                                                                                                                      |              |  |            |
| 08 17 23         | Integrated Metal Door Opening Assemblies (08 17)                                                                                                                                                                                                                                |              |  |            |
| 08 17 23 00-0001 | Pre-Hung Interior Door Units (08 17 23)<br>Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.                                                                                                                   |              |  |            |
| 08 17 23 00-0002 | Hollow Core Doors, 1-3/8" Thick (08 17 23 00-0001)                                                                                                                                                                                                                              |              |  |            |
| 08 17 23 00-0003 | Birch Faced (08 17 23 00-0002)                                                                                                                                                                                                                                                  |              |  |            |
| 08 17 23 00-0004 | EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add .....                                                                                                                                                                    | 357.09       |  | 67.81      |
|                  |                                                                                                                                                                                                                                                                                 | 53.15        |  |            |
| 08 17 23 00-0005 | EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add .....                                                                                                                                                                             | 370.69       |  | 67.81      |
|                  |                                                                                                                                                                                                                                                                                 | 56.41        |  |            |
| 08 17 23 00-0006 | EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add .....                                                                                                                                                                             | 389.74       |  | 70.53      |
|                  |                                                                                                                                                                                                                                                                                 | 59.69        |  |            |
| 08 17 23 00-0007 | EA 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add .....                                                                                                                                                                                | 399.21       |  | 73.24      |
|                  |                                                                                                                                                                                                                                                                                 | 60.66        |  |            |
| 08 17 23 00-0008 | EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add .....                                                                                                                                                                             | 423.90       |  | 73.24      |
|                  |                                                                                                                                                                                                                                                                                 | 66.58        |  |            |

**08 Openings****08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

| MINOR<br>CSI            | UOM | DESCRIPTION                                                                  | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------|-----|------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 17 23 00-0009        | EA  | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....              | 447.09                    | 75.95                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 70.84                     |                         |
| 08 17 23 00-0010        | EA  | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....            | 665.35                    | 111.22                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 106.30                    |                         |
| 08 17 23 00-0011        | EA  | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....         | 708.86                    | 119.36                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 112.84                    |                         |
| 08 17 23 00-0012        | EA  | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door .....            | 760.46                    | 127.49                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 121.31                    |                         |
| <b>08 17 23 00-0013</b> |     | <b>Lauan Faced</b> (08 17 23 00-0002)                                        |                           |                         |
| 08 17 23 00-0014        | EA  | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....     | 331.34                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 46.97                     |                         |
| 08 17 23 00-0015        | EA  | 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....              | 344.62                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 50.15                     |                         |
| 08 17 23 00-0016        | EA  | 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....              | 361.23                    | 70.53                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 52.84                     |                         |
| 08 17 23 00-0017        | EA  | 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....                 | 374.56                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 54.74                     |                         |
| 08 17 23 00-0018        | EA  | 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....              | 396.37                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 59.97                     |                         |
| 08 17 23 00-0019        | EA  | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....              | 413.39                    | 75.95                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 62.76                     |                         |
| 08 17 23 00-0020        | EA  | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....            | 613.87                    | 111.22                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 93.94                     |                         |
| 08 17 23 00-0021        | EA  | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....         | 656.63                    | 119.36                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 100.30                    |                         |
| 08 17 23 00-0022        | EA  | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door .....            | 711.21                    | 127.49                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 109.49                    |                         |
| <b>08 17 23 00-0023</b> |     | <b>Tempered Hardboard Faced</b> (08 17 23 00-0003)                           |                           |                         |
| 08 17 23 00-0024        | EA  | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... | 286.52                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 36.21                     |                         |
| 08 17 23 00-0025        | EA  | 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....          | 297.53                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 38.86                     |                         |
| 08 17 23 00-0026        | EA  | 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....          | 308.17                    | 70.53                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 40.11                     |                         |
| 08 17 23 00-0027        | EA  | 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....             | 324.05                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 42.62                     |                         |
| 08 17 23 00-0028        | EA  | 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....          | 343.57                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 47.30                     |                         |
| 08 17 23 00-0029        | EA  | 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....          | 365.13                    | 75.95                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 51.17                     |                         |
| 08 17 23 00-0030        | EA  | Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....        | 529.28                    | 111.22                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 73.64                     |                         |
| 08 17 23 00-0031        | EA  | Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....     | 562.49                    | 119.36                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 77.71                     |                         |
| 08 17 23 00-0032        | EA  | Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door .....        | 610.10                    | 127.49                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 85.23                     |                         |
| <b>08 17 23 00-0033</b> |     | <b>Solid Core Doors, 1-3/8" Thick</b> (08 17 23 00-0001)                     |                           |                         |
| <b>08 17 23 00-0034</b> |     | <b>Birch Faced</b> (08 17 23 00-0033)                                        |                           |                         |
| 08 17 23 00-0035        | EA  | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....      | 479.57                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 82.55                     |                         |
| 08 17 23 00-0036        | EA  | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....               | 497.65                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 86.88                     |                         |
| 08 17 23 00-0037        | EA  | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....               | 521.12                    | 70.53                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 91.22                     |                         |
| 08 17 23 00-0038        | EA  | 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....                  | 548.57                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 96.50                     |                         |
| 08 17 23 00-0039        | EA  | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....               | 592.72                    | 73.24                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 107.10                    |                         |
| 08 17 23 00-0040        | EA  | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....               | 637.16                    | 75.95                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 116.46                    |                         |
| 08 17 23 00-0041        | EA  | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....             | 910.31                    | 111.22                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 165.09                    |                         |
| 08 17 23 00-0042        | EA  | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....          | 962.75                    | 119.36                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 173.77                    |                         |
| 08 17 23 00-0043        | EA  | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door .....             | 1,059.16                  | 127.49                  |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 193.01                    |                         |
| <b>08 17 23 00-0044</b> |     | <b>Lauan Faced</b> (08 17 23 00-0033)                                        |                           |                         |
| 08 17 23 00-0045        | EA  | 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....      | 685.21                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 131.90                    |                         |
| 08 17 23 00-0046        | EA  | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....               | 715.43                    | 67.81                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 139.15                    |                         |
| 08 17 23 00-0047        | EA  | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....               | 751.03                    | 70.53                   |
|                         |     | <i>For 8' Door Height, Add</i> .....                                         | 146.40                    |                         |



| Openings                           |  |  | 08    |
|------------------------------------|--|--|-------|
| Doors and Frames                   |  |  | 08 10 |
| Integrated Door Opening Assemblies |  |  | 08 17 |

| MINOR                                                                  |     | DESCRIPTION                                                                                             | TOTAL DIRECT       |  | DEMOLITION |
|------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------|--------------------|--|------------|
| CSI                                                                    | UOM |                                                                                                         | UNIT COST          |  |            |
| 08 17 23 00-0048                                                       | EA  | 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....<br>For 8' Door Height, Add                   | 786.95<br>153.71   |  | 73.24      |
| 08 17 23 00-0049                                                       | EA  | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....<br>For 8' Door Height, Add               | 857.39<br>170.62   |  | 73.24      |
| 08 17 23 00-0050                                                       | EA  | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....<br>For 8' Door Height, Add               | 908.31<br>181.54   |  | 75.95      |
| 08 17 23 00-0051                                                       | EA  | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....<br>For 8' Door Height, Add             | 1,321.58<br>263.79 |  | 111.22     |
| 08 17 23 00-0052                                                       | EA  | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....<br>For 8' Door Height, Add          | 1,398.34<br>278.31 |  | 119.36     |
| 08 17 23 00-0053                                                       | EA  | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door .....<br>For 8' Door Height, Add             | 1,535.92<br>307.43 |  | 127.49     |
| 08 17 23 00-0054    Tempered Hardboard Faced (08 17 23 00-0033)        |     |                                                                                                         |                    |  |            |
| 08 17 23 00-0055                                                       | EA  | 2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add   | 392.29<br>61.60    |  | 67.81      |
| 08 17 23 00-0056                                                       | EA  | 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add           | 407.15<br>65.16    |  | 67.81      |
| 08 17 23 00-0057                                                       | EA  | 2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add           | 427.48<br>68.74    |  | 70.53      |
| 08 17 23 00-0058                                                       | EA  | 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....<br>For 8' Door Height, Add               | 438.42<br>70.07    |  | 73.24      |
| 08 17 23 00-0059                                                       | EA  | 3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add           | 470.61<br>77.79    |  | 73.24      |
| 08 17 23 00-0060                                                       | EA  | 3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add           | 496.80<br>82.77    |  | 75.95      |
| 08 17 23 00-0061                                                       | PR  | Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add         | 735.75<br>123.19   |  | 111.22     |
| 08 17 23 00-0062                                                       | PR  | Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add      | 781.73<br>130.33   |  | 119.36     |
| 08 17 23 00-0063                                                       | PR  | Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door .....<br>For 8' Door Height, Add         | 838.84<br>140.13   |  | 127.49     |
| 08 17 23 00-0064    Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001) |     |                                                                                                         |                    |  |            |
| 08 17 23 00-0065    Birch Faced (08 17 23 00-0064)                     |     |                                                                                                         |                    |  |            |
| 08 17 23 00-0066                                                       | EA  | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add     | 412.42<br>66.43    |  | 67.81      |
| 08 17 23 00-0067                                                       | EA  | 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add              | 422.87<br>68.94    |  | 67.81      |
| 08 17 23 00-0068                                                       | EA  | 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add              | 432.15<br>69.86    |  | 70.53      |
| 08 17 23 00-0069                                                       | EA  | 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....<br>For 8' Door Height, Add                  | 454.61<br>73.95    |  | 73.24      |
| 08 17 23 00-0070                                                       | EA  | 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add              | 499.81<br>84.80    |  | 73.24      |
| 08 17 23 00-0071                                                       | EA  | 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add              | 558.05<br>97.47    |  | 75.95      |
| 08 17 23 00-0072                                                       | EA  | Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add            | 776.05<br>132.86   |  | 111.22     |
| 08 17 23 00-0073                                                       | EA  | Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add         | 813.18<br>137.88   |  | 119.36     |
| 08 17 23 00-0074                                                       | EA  | Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door .....<br>For 8' Door Height, Add            | 871.27<br>147.91   |  | 127.49     |
| 08 17 23 00-0075    Lauan Faced (08 17 23 00-0064)                     |     |                                                                                                         |                    |  |            |
| 08 17 23 00-0076                                                       | EA  | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add     | 384.25<br>59.67    |  | 67.81      |
| 08 17 23 00-0077                                                       | EA  | 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add              | 401.38<br>63.78    |  | 67.81      |
| 08 17 23 00-0078                                                       | EA  | 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add              | 420.71<br>67.12    |  | 70.53      |
| 08 17 23 00-0079                                                       | EA  | 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add                 | 431.64<br>68.44    |  | 73.24      |
| 08 17 23 00-0080                                                       | EA  | 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add              | 462.99<br>75.96    |  | 73.24      |
| 08 17 23 00-0081                                                       | EA  | 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add              | 488.67<br>80.82    |  | 75.95      |
| 08 17 23 00-0082                                                       | EA  | Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add            | 719.69<br>119.34   |  | 111.22     |
| 08 17 23 00-0083                                                       | EA  | Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add         | 770.22<br>127.56   |  | 119.36     |
| 08 17 23 00-0084                                                       | EA  | Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door .....<br>For 8' Door Height, Add            | 825.32<br>136.88   |  | 127.49     |
| 08 17 23 00-0085    Tempered Hardboard Faced (08 17 23 00-0064)        |     |                                                                                                         |                    |  |            |
| 08 17 23 00-0086                                                       | EA  | 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door .....<br>For 8' Door Height, Add | 323.63<br>45.12    |  | 67.81      |

**08 Openings****08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

| MINOR            | CSI                                                      | UOM                          | DESCRIPTION                                                                       | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|----------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 17 23 00-0087 | EA                                                       | 2'-6" x 7' x 1-3/4"          | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 328.87<br>46.38           | 67.81                   |
| 08 17 23 00-0088 | EA                                                       | 2'-8" x 7' x 1-3/4"          | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 344.74<br>48.89           | 70.53                   |
| 08 17 23 00-0089 | EA                                                       | 3' x 7' x 1-3/4"             | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 360.62<br>51.39           | 73.24                   |
| 08 17 23 00-0090 | EA                                                       | 3'-4" x 7' x 1-3/4"          | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 372.54<br>54.25           | 73.24                   |
| 08 17 23 00-0091 | EA                                                       | 3'-6" x 7' x 1-3/4"          | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 396.48<br>58.70           | 75.95                   |
| 08 17 23 00-0092 | EA                                                       | Pair 2' x 7' x 1-3/4"        | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 604.72<br>91.75           | 111.22                  |
| 08 17 23 00-0093 | EA                                                       | Pair 2'-6" x 7' x 1-3/4"     | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 625.18<br>92.76           | 119.36                  |
| 08 17 23 00-0094 | EA                                                       | Pair 3' x 7' x 1-3/4"        | Prehung Hollow Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i> | 683.27<br>102.79          | 127.49                  |
| 08 17 23 00-0095 | <b>Solid Core Doors, 1-3/4" Thick</b> (08 17 23 00-0001) |                              |                                                                                   |                           |                         |
| 08 17 23 00-0096 | <b>Birch Faced</b> (08 17 23 00-0095)                    |                              |                                                                                   |                           |                         |
| 08 17 23 00-0097 | EA                                                       | 2'-0" Or 2'-4" x 7' x 1-3/4" | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 532.23<br>95.18           | 67.81                   |
| 08 17 23 00-0098 | EA                                                       | 2'-6" x 7' x 1-3/4"          | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 548.74<br>99.15           | 67.81                   |
| 08 17 23 00-0099 | EA                                                       | 2'-8" x 7' x 1-3/4"          | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 559.69<br>100.47          | 70.53                   |
| 08 17 23 00-0100 | EA                                                       | 3' x 7' x 1-3/4"             | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 581.63<br>104.44          | 73.24                   |
| 08 17 23 00-0101 | EA                                                       | 3'-4" x 7' x 1-3/4"          | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 629.50<br>115.92          | 73.24                   |
| 08 17 23 00-0102 | EA                                                       | 3'-6" x 7' x 1-3/4"          | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 683.26<br>127.53          | 75.95                   |
| 08 17 23 00-0103 | EA                                                       | Pair 2' x 7' x 1-3/4"        | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,015.64<br>190.37        | 111.22                  |
| 08 17 23 00-0104 | EA                                                       | Pair 2'-6" x 7' x 1-3/4"     | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,064.93<br>198.30        | 119.36                  |
| 08 17 23 00-0105 | EA                                                       | Pair 3' x 7' x 1-3/4"        | Prehung Solid Core, Birch Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,125.29<br>208.87        | 127.49                  |
| 08 17 23 00-0106 | <b>Lauan Faced</b> (08 17 23 00-0095)                    |                              |                                                                                   |                           |                         |
| 08 17 23 00-0107 | EA                                                       | 2'-0" Or 2'-4" x 7' x 1-3/4" | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 883.70<br>179.54          | 67.81                   |
| 08 17 23 00-0108 | EA                                                       | 2'-6" x 7' x 1-3/4"          | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 885.87<br>180.06          | 67.81                   |
| 08 17 23 00-0109 | EA                                                       | 2'-8" x 7' x 1-3/4"          | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 912.84<br>185.23          | 70.53                   |
| 08 17 23 00-0110 | EA                                                       | 3' x 7' x 1-3/4"             | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 933.88<br>188.98          | 73.24                   |
| 08 17 23 00-0111 | EA                                                       | 3'-4" x 7' x 1-3/4"          | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,005.05<br>206.06        | 73.24                   |
| 08 17 23 00-0112 | EA                                                       | 3'-6" x 7' x 1-3/4"          | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,065.40<br>219.24        | 75.95                   |
| 08 17 23 00-0113 | EA                                                       | Pair 2' x 7' x 1-3/4"        | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,718.61<br>359.08        | 111.22                  |
| 08 17 23 00-0114 | EA                                                       | Pair 2'-6" x 7' x 1-3/4"     | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,739.19<br>360.12        | 119.36                  |
| 08 17 23 00-0115 | EA                                                       | Pair 3' x 7' x 1-3/4"        | Prehung Solid Core, Lauan Faced Door .....<br><i>For 8' Door Height, Add</i>      | 1,829.79<br>377.95        | 127.49                  |
| 08 17 23 00-0116 | <b>Tempered Hardboard Faced</b> (08 17 23 00-0095)       |                              |                                                                                   |                           |                         |
| 08 17 23 00-0117 | EA                                                       | 2'-0" Or 2'-4" x 7' x 1-3/4" | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 449.60<br>75.35           | 67.81                   |
| 08 17 23 00-0118 | EA                                                       | 2'-6" x 7' x 1-3/4"          | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 455.09<br>76.67           | 67.81                   |
| 08 17 23 00-0119 | EA                                                       | 2'-8" x 7' x 1-3/4"          | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 466.04<br>78.00           | 70.53                   |
| 08 17 23 00-0120 | EA                                                       | 3' x 7' x 1-3/4"             | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 482.49<br>80.64           | 73.24                   |
| 08 17 23 00-0121 | EA                                                       | 3'-4" x 7' x 1-3/4"          | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 507.14<br>86.56           | 73.24                   |
| 08 17 23 00-0122 | EA                                                       | 3'-6" x 7' x 1-3/4"          | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 535.66<br>92.10           | 75.95                   |
| 08 17 23 00-0123 | EA                                                       | Pair 2' x 7' x 1-3/4"        | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 850.37<br>150.70          | 111.22                  |
| 08 17 23 00-0124 | EA                                                       | Pair 2'-6" x 7' x 1-3/4"     | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 877.64<br>153.35          | 119.36                  |
| 08 17 23 00-0125 | EA                                                       | Pair 3' x 7' x 1-3/4"        | Prehung Solid Core, Hardboard Faced Door .....<br><i>For 8' Door Height, Add</i>  | 927.00<br>161.28          | 127.49                  |



| Openings                           |  |  | 08    |
|------------------------------------|--|--|-------|
| Doors and Frames                   |  |  | 08 10 |
| Integrated Door Opening Assemblies |  |  | 08 17 |

| MINOR            |                                                                                                      | TOTAL DIRECT |  | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------|--------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                      | UNIT COST    |  | UNIT COST  |
| 08 17 23 00-0126 | Oak Or Maple Faced (08 17 23 00-0095)                                                                |              |  |            |
| 08 17 23 00-0127 | EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                     | 818.75       |  | 67.81      |
|                  | For 8' Door Height, Add                                                                              | 163.95       |  |            |
| 08 17 23 00-0128 | EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                              | 822.92       |  | 67.81      |
|                  | For 8' Door Height, Add                                                                              | 164.95       |  |            |
| 08 17 23 00-0129 | EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                              | 863.66       |  | 70.53      |
|                  | For 8' Door Height, Add                                                                              | 173.42       |  |            |
| 08 17 23 00-0130 | EA 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                                 | 878.30       |  | 73.24      |
|                  | For 8' Door Height, Add                                                                              | 175.64       |  |            |
| 08 17 23 00-0131 | EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                              | 957.63       |  | 73.24      |
|                  | For 8' Door Height, Add                                                                              | 194.68       |  |            |
| 08 17 23 00-0132 | EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                              | 1,057.06     |  | 75.95      |
|                  | For 8' Door Height, Add                                                                              | 217.24       |  |            |
| 08 17 23 00-0133 | EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                            | 1,588.70     |  | 111.22     |
|                  | For 8' Door Height, Add                                                                              | 327.91       |  |            |
| 08 17 23 00-0134 | EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                         | 1,613.33     |  | 119.36     |
|                  | For 8' Door Height, Add                                                                              | 329.91       |  |            |
| 08 17 23 00-0135 | EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....                            | 1,718.64     |  | 127.49     |
|                  | For 8' Door Height, Add                                                                              | 351.28       |  |            |
| 08 17 23 00-0136 | Walnut Faced (08 17 23 00-0095)                                                                      |              |  |            |
| 08 17 23 00-0137 | EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                           | 1,032.10     |  | 67.81      |
|                  | For 8' Door Height, Add                                                                              | 215.15       |  |            |
| 08 17 23 00-0138 | EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                    | 1,069.37     |  | 67.81      |
|                  | For 8' Door Height, Add                                                                              | 224.10       |  |            |
| 08 17 23 00-0139 | EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                    | 1,087.28     |  | 70.53      |
|                  | For 8' Door Height, Add                                                                              | 227.10       |  |            |
| 08 17 23 00-0140 | EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                       | 1,130.04     |  | 73.24      |
|                  | For 8' Door Height, Add                                                                              | 236.05       |  |            |
| 08 17 23 00-0141 | EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                    | 1,238.25     |  | 73.24      |
|                  | For 8' Door Height, Add                                                                              | 262.02       |  |            |
| 08 17 23 00-0142 | EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                    | 1,352.94     |  | 75.95      |
|                  | For 8' Door Height, Add                                                                              | 288.25       |  |            |
| 08 17 23 00-0143 | EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                  | 2,015.37     |  | 111.22     |
|                  | For 8' Door Height, Add                                                                              | 430.30       |  |            |
| 08 17 23 00-0144 | EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                               | 2,106.18     |  | 119.36     |
|                  | For 8' Door Height, Add                                                                              | 448.20       |  |            |
| 08 17 23 00-0145 | EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....                                  | 2,222.12     |  | 127.49     |
|                  | For 8' Door Height, Add                                                                              | 472.11       |  |            |
| 08 18            | Glass Doors (08 10)                                                                                  |              |  |            |
| 08 18 16         | Sliding Glass Doors (08 18)                                                                          |              |  |            |
| 08 18 16 00-0001 | Sliding Aluminum-Framed Glass Doors (08 18 16)                                                       |              |  |            |
| 08 18 16 00-0002 | Residential Sliding Aluminum-Framed Glass Doors (08 18 16 00-0001)                                   |              |  |            |
| 08 18 16 00-0003 | 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)                        |              |  |            |
| 08 18 16 00-0004 | SF Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....             | 43.39        |  | 4.88       |
|                  | For Custom Quality, Add                                                                              | 7.62         |  |            |
|                  | For Tempered Glass, Add                                                                              | 1.42         |  |            |
|                  | For Anodized Or Colored Aluminum Frames, Add                                                         | 5.48         |  |            |
| 08 18 16 00-0005 | SF >6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....        | 36.65        |  | 3.04       |
|                  | For Custom Quality, Add                                                                              | 7.28         |  |            |
|                  | For Tempered Glass, Add                                                                              | 1.42         |  |            |
|                  | For Anodized Or Colored Aluminum Frames, Add                                                         | 5.24         |  |            |
| 08 18 16 00-0006 | 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)                          |              |  |            |
| 08 18 16 00-0007 | SF Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....               | 48.85        |  | 4.88       |
|                  | For Custom Quality, Add                                                                              | 8.98         |  |            |
|                  | For Tempered Glass, Add                                                                              | 1.42         |  |            |
|                  | For Anodized Or Colored Aluminum Frames, Add                                                         | 6.47         |  |            |
| 08 18 16 00-0008 | SF >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....          | 42.03        |  | 3.04       |
|                  | For Custom Quality, Add                                                                              | 8.63         |  |            |
|                  | For Tempered Glass, Add                                                                              | 1.42         |  |            |
|                  | For Anodized Or Colored Aluminum Frames, Add                                                         | 6.21         |  |            |
| 08 18 16 00-0009 | Stanley Manual Slide Doors (08 18 16 00-0001)                                                        |              |  |            |
| 08 18 16 00-0010 | EA Single Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door..... | 3,813.68     |  |            |
|                  | Note: Patient bays, ICU room, ER, and patient consult applications.                                  |              |  |            |
|                  | For Special Finish, Add                                                                              | 1,204.32     |  |            |
|                  | For Positive Latch, Add                                                                              | 602.16       |  |            |
|                  | For Smoke And Draft UL1784, Add                                                                      | 501.80       |  |            |
|                  | For Aluminum Transom, Add                                                                            | 702.52       |  |            |
|                  | For Added Panel, Add                                                                                 | 1,304.68     |  |            |

**08 Openings****08 10 Doors and Frames****08 18 Glass Doors**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                                                                   |          |  |
|------------------|----|-------------------------------------------------------------------------------------------------------------------|----------|--|
| 08 18 16 00-0011 | EA | Single Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door .....              | 3,813.68 |  |
|                  |    | Note: Patient bays, ICU room, ER, and patient consult applications.                                               |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,204.32 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0012 | EA | Single Slide, Dura Care 7200TL/FBO Trackless Lead Panel Slide Or All Panel Slide, Stanley Manual Slide Door ..... | 4,516.20 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,204.32 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
| 08 18 16 00-0013 | EA | Single Slide, Dura Care 7300TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door .....                | 4,516.20 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,204.32 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Self Closing, Add                                                                                             | 1,003.60 |  |
| 08 18 16 00-0014 | EA | Single Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door .....               | 5,720.52 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,204.32 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0015 | EA | Single Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door .....                | 5,921.24 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,204.32 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0016 | EA | Single Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door .....                                 | 4,817.28 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 1,103.96 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 351.26   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
| 08 18 16 00-0017 | EA | Bi Part Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door .....               | 4,616.56 |  |
|                  |    | Note: Patient bays, ICU room, ER, and patient consult applications.                                               |          |  |
|                  |    | For Special Finish, Add                                                                                           | 2,207.92 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0018 | EA | Bi Part Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door .....             | 4,616.56 |  |
|                  |    | Note: Patient bays, ICU room, ER, and patient consult applications.                                               |          |  |
|                  |    | For Special Finish, Add                                                                                           | 2,207.92 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0019 | EA | Bi Part Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door .....              | 7,527.00 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 2,207.92 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0020 | EA | Bi Part Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door .....               | 7,828.08 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 2,207.92 |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 501.80   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
|                  |    | For Added Panel, Add                                                                                              | 1,304.68 |  |
| 08 18 16 00-0021 | EA | Bi Part Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door .....                                | 6,423.04 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.            |          |  |
|                  |    | For Positive Latch, Add                                                                                           | 602.16   |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 351.26   |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |
| 08 18 16 00-0022 | EA | Bi Part Slide, Dura Care 7600 Split Fold, Stanley Manual Door .....                                               | 7,145.63 |  |
|                  |    | Note: Patient bays, ICU room, ER, patient consult, latching, and closing applications.                            |          |  |
|                  |    | For Special Finish, Add                                                                                           | 2,207.92 |  |
|                  |    | For Positive Latch, Add                                                                                           | 2,408.64 |  |
|                  |    | For Smoke And Draft UL1784, Add                                                                                   | 1,103.96 |  |
|                  |    | For Aluminum Transom, Add                                                                                         | 702.52   |  |

08 18 16 00-0023 Sliding Plastic-Framed Glass Doors (08 18 16)

08 18 16 00-0024 Sliding Vinyl-Framed Glass Doors (08 18 16 00-0023)



|  |  |                  |       |    |
|--|--|------------------|-------|----|
|  |  | Openings         | 08    | 08 |
|  |  | Doors and Frames | 08 10 |    |
|  |  | Glass Doors      | 08 18 |    |

| MINOR               |                                                                                                                                                                                                                                                           | TOTAL DIRECT                           |  | DEMOLITION |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|------------|
| CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                           | UNIT COST                              |  | UNIT COST  |
| 08 18 16 00-0025    | Vinyl Sliding Glass Doors (Pella Vinyl 10 Series)<br><small>Note: Includes white solid vinyl interior and exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.</small>                                    |                                        |  |            |
| 08 18 16 00-0026    | EA 5' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                                           | 1,846.73<br>294.70<br>370.48<br>757.79 |  | 81.38      |
| 08 18 16 00-0027    | EA 6' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                                           | 1,916.05<br>304.93<br>383.34<br>784.10 |  | 86.81      |
| 08 18 16 00-0028    | Sliding Wood-Framed Glass Doors                                                                                                                                                                                                                           |                                        |  |            |
| 08 18 16 00-0029    | Residential Wood Sliding Doors With 5/8" Glass<br><small>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.</small>                   |                                        |  |            |
| 08 18 16 00-0030    | EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware                                                                                                                                                                   | 1,890.05                               |  | 146.48     |
| 08 18 16 00-0031    | EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware                                                                                                                                                                   | 2,307.39                               |  | 179.03     |
| 08 18 16 00-0032    | EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware                                                                                                                                                                   | 2,666.13                               |  | 206.15     |
| 08 18 16 00-0033    | EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware                                                                                                                                                           | 2,075.88                               |  | 146.48     |
| 08 18 16 00-0034    | EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware                                                                                                                                                           | 2,547.40                               |  | 179.03     |
| 08 18 16 00-0035    | EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware                                                                                                                                                           | 2,963.16                               |  | 206.15     |
| 08 18 16 00-0036    | Wood Clad Sliding Glass Doors                                                                                                                                                                                                                             |                                        |  |            |
| 08 18 16 00-0037    | Wood Clad Sliding Glass Doors (Andersen 200 Series Perma-Shield)<br><small>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.</small> |                                        |  |            |
| 08 18 16 00-0038    | EA 5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                            | 1,446.35<br>128.36<br>154.03<br>320.90 |  | 81.38      |
| 08 18 16 00-0039    | EA 6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                            | 1,622.64<br>144.90<br>173.88<br>362.26 |  | 86.81      |
| 08 18 16 00-0040    | EA 6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                           | 1,715.07<br>153.60<br>184.32<br>384.01 |  | 89.51      |
| 08 18 16 00-0041    | EA 8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                           | 2,091.92<br>189.12<br>226.94<br>472.80 |  | 100.36     |
| 08 18 16 00-0042    | EA 6' x 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                               | 2,031.02<br>184.11<br>220.94<br>460.29 |  | 94.94      |
| 08 18 16 00-0043    | EA 8' x 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                               | 2,386.13<br>217.46<br>260.95<br>543.64 |  | 105.79     |
| 08 18 16 00-0044    | Wood Clad Sliding Glass Doors (Andersen 400 Series Frenchwood)<br><small>Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered Low-E insulated glass. Excludes grilles and insect screens.</small>   |                                        |  |            |
| 08 18 16 00-0045    | EA 5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                              | 2,684.00<br>252.13<br>302.55<br>630.31 |  | 81.38      |
| 08 18 16 00-0046    | EA 6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                              | 2,983.71<br>281.01<br>337.21<br>702.53 |  | 86.81      |
| 08 18 16 00-0047    | EA 8' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                              | 3,581.34<br>338.60<br>406.32<br>846.51 |  | 97.65      |
| 08 18 16 00-0048    | EA 5' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                             | 2,810.68<br>264.25<br>317.10<br>660.63 |  | 84.09      |
| 08 18 16 00-0049    | EA 6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                             | 3,075.22<br>289.62<br>347.54<br>724.05 |  | 89.51      |
| 08 18 16 00-0050    | EA 8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)<br><i>For Insect Screen, Add</i><br><i>For Grilles Between The Glass, Add</i><br><i>For Low-E Tempered Insulated Glass, Add</i>                                             | 3,711.14<br>351.04<br>421.25<br>877.60 |  | 100.36     |

**08 Openings****08 10 Doors and Frames****08 18 Glass Doors**

| MINOR<br>CSI UOM DESCRIPTION                                                                    | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 18 16 00-0051 EA 5' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)..... | 3,383.18                  | 89.51                   |
| For Insect Screen, Add                                                                          | 320.42                    |                         |
| For Grilles Between The Glass, Add                                                              | 384.50                    |                         |
| For Low-E Tempered Insulated Glass, Add                                                         | 801.04                    |                         |
| 08 18 16 00-0052 EA 6' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)..... | 3,682.89                  | 94.94                   |
| For Insect Screen, Add                                                                          | 349.30                    |                         |
| For Grilles Between The Glass, Add                                                              | 419.16                    |                         |
| For Low-E Tempered Insulated Glass, Add                                                         | 873.25                    |                         |
| 08 18 16 00-0053 EA 8' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood)..... | 4,278.74                  | 105.79                  |
| For Insect Screen, Add                                                                          | 406.72                    |                         |
| For Grilles Between The Glass, Add                                                              | 488.06                    |                         |
| For Low-E Tempered Insulated Glass, Add                                                         | 1,016.79                  |                         |

**08 30 Specialty Doors and Frames** (08)

Note: Includes caulk, sealant and mounting anchors.

**08 31 Access Doors and Panels** (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

**08 31 13 Access Doors and Frames** (08 31)**08 31 13 00-0001 Stainless Steel Access Doors** (08 31 13)**08 31 13 00-0002 Fire Rated Stainless Steel Access Doors** (08 31 13 00-0001)

|                                                                                           |        |       |
|-------------------------------------------------------------------------------------------|--------|-------|
| 08 31 13 00-0003 EA 12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 458.05 | 57.84 |
| 08 31 13 00-0004 EA 12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 533.92 | 61.62 |
| 08 31 13 00-0005 EA 18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 624.42 | 65.17 |
| 08 31 13 00-0006 EA 24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 721.75 | 68.48 |
| 08 31 13 00-0007 EA 24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 738.54 | 68.83 |
| 08 31 13 00-0008 EA 24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch ..... | 955.68 | 70.97 |

**08 31 13 00-0009 Stainless Steel Access Doors** (08 31 13 00-0001)

|                                                                                |        |       |
|--------------------------------------------------------------------------------|--------|-------|
| 08 31 13 00-0010 EA 8" x 8" Stainless Steel Access Door With Cam Latch .....   | 179.45 | 44.35 |
| 08 31 13 00-0011 EA 12" x 12" Stainless Steel Access Door With Cam Latch ..... | 215.37 | 57.84 |
| 08 31 13 00-0012 EA 12" x 18" Stainless Steel Access Door With Cam Latch ..... | 309.22 | 61.62 |
| 08 31 13 00-0013 EA 18" x 18" Stainless Steel Access Door With Cam Latch ..... | 332.02 | 65.17 |
| 08 31 13 00-0014 EA 24" x 18" Stainless Steel Access Door With Cam Latch ..... | 386.31 | 68.48 |
| 08 31 13 00-0015 EA 24" x 24" Stainless Steel Access Door With Cam Latch ..... | 441.40 | 68.83 |

**08 31 13 00-0016 Steel Access Doors** (08 31 13)

Note: Includes paintable powder coated finish.

**08 31 13 00-0017 Insulated Fire Rated Steel Access Doors** (08 31 13 00-0016)

|                                                                                           |          |       |
|-------------------------------------------------------------------------------------------|----------|-------|
| 08 31 13 00-0018 EA 12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 283.70   | 58.19 |
| 08 31 13 00-0019 EA 12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 352.09   | 61.62 |
| 08 31 13 00-0020 EA 18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 351.57   | 65.17 |
| 08 31 13 00-0021 EA 24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 418.25   | 68.83 |
| 08 31 13 00-0022 EA 24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 437.43   | 68.83 |
| 08 31 13 00-0023 EA 24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 576.76   | 70.97 |
| 08 31 13 00-0024 EA 24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 665.82   | 73.92 |
| 08 31 13 00-0025 EA 36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 824.62   | 73.92 |
| 08 31 13 00-0026 EA 48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch ..... | 1,058.77 | 88.70 |

**08 31 13 00-0027 Steel Access Doors** (08 31 13 00-0016)

|                                                                      |        |       |
|----------------------------------------------------------------------|--------|-------|
| 08 31 13 00-0028 EA 8" x 8" Steel Access Door With Cam Latch .....   | 143.44 | 44.59 |
| 08 31 13 00-0029 EA 12" x 12" Steel Access Door With Cam Latch ..... | 153.66 | 58.19 |
| 08 31 13 00-0030 EA 12" x 18" Steel Access Door With Cam Latch ..... | 177.30 | 61.62 |
| 08 31 13 00-0031 EA 18" x 18" Steel Access Door With Cam Latch ..... | 182.12 | 65.17 |
| 08 31 13 00-0032 EA 24" x 18" Steel Access Door With Cam Latch ..... | 216.82 | 68.83 |
| 08 31 13 00-0033 EA 24" x 24" Steel Access Door With Cam Latch ..... | 222.11 | 68.83 |
| 08 31 13 00-0034 EA 24" x 36" Steel Access Door With Cam Latch ..... | 287.93 | 70.97 |
| 08 31 13 00-0035 EA 36" x 36" Steel Access Door With Cam Latch ..... | 382.15 | 73.92 |

**08 31 13 00-0036 Fiberglass Reinforced Polyester (FRP) Access Doors** (08 31 13)

|                                                                                                 |        |       |
|-------------------------------------------------------------------------------------------------|--------|-------|
| 08 31 13 00-0037 EA 8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock .....   | 176.59 | 44.35 |
| 08 31 13 00-0038 EA 12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock ..... | 195.48 | 47.31 |
| 08 31 13 00-0039 EA 12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock ..... | 241.47 | 50.26 |
| 08 31 13 00-0040 EA 18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock ..... | 287.28 | 53.22 |
| 08 31 13 00-0041 EA 24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock ..... | 336.22 | 55.94 |
| 08 31 13 00-0042 EA 24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock ..... | 360.69 | 56.18 |

**08 31 13 00-0043 Steel Recessed Access Doors For Drywall Application** (08 31 13)

Note: Includes paintable powder coated finish.

|                                                                             |        |       |
|-----------------------------------------------------------------------------|--------|-------|
| 08 31 13 00-0044 EA 8" x 8" Recessed Steel Access Door With Cam Latch ..... | 207.00 | 44.35 |
| For Recessed Doors In Acoustical Tile, Add                                  | 17.74  |       |





|  |  |  |                                   |              |
|--|--|--|-----------------------------------|--------------|
|  |  |  | <b>Openings</b>                   | <b>08</b>    |
|  |  |  | <b>Specialty Doors and Frames</b> | <b>08 30</b> |
|  |  |  | <b>Access Doors and Panels</b>    | <b>08 31</b> |

| MINOR            |                                                                                                                                                                                                                                                                                                                                                  | TOTAL DIRECT        |           | DEMOLITION |  |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|------------|--|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                  | UNIT COST           | UNIT COST |            |  |
| 08 31 13 00-0045 | EA 12" x 12" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 216.53<br>19.79     |           | 47.54      |  |
| 08 31 13 00-0046 | EA 12" x 18" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 232.80<br>20.39     |           | 50.26      |  |
| 08 31 13 00-0047 | EA 18" x 18" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 273.77<br>17.48     |           | 53.22      |  |
| 08 31 13 00-0048 | EA 24" x 18" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 288.03<br>18.60     |           | 56.18      |  |
| 08 31 13 00-0049 | EA 24" x 24" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 315.94<br>14.42     |           | 56.18      |  |
| 08 31 13 00-0050 | EA 24" x 36" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 393.44<br>19.04     |           | 70.97      |  |
| 08 31 13 00-0051 | EA 36" x 36" Recessed Steel Access Door With Cam Latch.....<br><i>For Recessed Doors In Acoustical Tile, Add</i>                                                                                                                                                                                                                                 | 565.05<br>-3.45     |           | 73.92      |  |
| 08 31 13 00-0052 | <b>Steel Crawl Space Doors And Frames</b> (08 31 13)<br>Note: Includes paintable powder coated finish.                                                                                                                                                                                                                                           |                     |           |            |  |
| 08 31 13 00-0053 | EA 24" x 24" Steel Crawl Space Door With Cam Latch.....                                                                                                                                                                                                                                                                                          | 237.52              |           | 74.86      |  |
| 08 31 13 00-0054 | EA 30" x 24" Steel Crawl Space Door With Cam Latch.....                                                                                                                                                                                                                                                                                          | 334.98              |           | 90.72      |  |
| 08 31 13 00-0055 | EA 30" x 30" Steel Crawl Space Door With Cam Latch.....                                                                                                                                                                                                                                                                                          | 375.68              |           | 98.52      |  |
| 08 33            | <b>Coiling Doors and Grilles</b> (08 30)                                                                                                                                                                                                                                                                                                         |                     |           |            |  |
| 08 33 13         | <b>Coiling Counter Doors</b> (08 33)                                                                                                                                                                                                                                                                                                             |                     |           |            |  |
| 08 33 13 00-0001 | <b>Overhead Rolling Counter Doors</b> (08 33 13)                                                                                                                                                                                                                                                                                                 |                     |           |            |  |
| 08 33 13 00-0002 | <b>Galvanized Steel Overhead Rolling Counter Doors</b> (08 33 13 00-0001)<br>Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. |                     |           |            |  |
| 08 33 13 00-0003 | EA 4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 6,364.15<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0004 | EA 6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 6,684.19<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0005 | EA 8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 7,218.87<br>763.81  |           | 460.49     |  |
| 08 33 13 00-0006 | EA 10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                       | 7,748.42<br>784.76  |           | 541.74     |  |
| 08 33 13 00-0007 | EA 4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 7,804.33<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0008 | EA 6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 8,164.74<br>770.39  |           | 481.50     |  |
| 08 33 13 00-0009 | EA 8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 8,372.91<br>775.20  |           | 500.79     |  |
| 08 33 13 00-0010 | EA 10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                       | 8,875.30<br>785.44  |           | 541.74     |  |
| 08 33 13 00-0011 | <b>Stainless Steel Overhead Rolling Counter Doors</b> (08 33 13 00-0001)<br>Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                              |                     |           |            |  |
| 08 33 13 00-0012 | EA 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 7,164.25<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0013 | EA 6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 8,044.36<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0014 | EA 8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 8,259.00<br>763.81  |           | 460.49     |  |
| 08 33 13 00-0015 | EA 10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 10,068.71<br>784.76 |           | 541.74     |  |
| 08 33 13 00-0016 | EA 4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 8,604.43<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0017 | EA 6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 8,884.83<br>770.39  |           | 481.50     |  |
| 08 33 13 00-0018 | EA 8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                         | 9,093.00<br>775.20  |           | 500.79     |  |
| 08 33 13 00-0019 | EA 10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                        | 11,595.64<br>785.44 |           | 541.74     |  |
| 08 33 13 00-0020 | <b>Aluminum Overhead Rolling Counter Doors</b> (08 33 13 00-0001)<br>Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                   |                     |           |            |  |
| 08 33 13 00-0021 | EA 4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                | 7,004.23<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0022 | EA 6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                | 7,324.27<br>758.35  |           | 433.40     |  |
| 08 33 13 00-0023 | EA 8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                | 8,178.99<br>763.81  |           | 460.49     |  |
| 08 33 13 00-0024 | EA 10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                               | 9,668.66<br>784.76  |           | 541.74     |  |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR                                                                                                                                                                                                                                                                                        | CSI | UOM | DESCRIPTION                                                                                                                                                                                                                   | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 13 00-0025                                                                                                                                                                                                                                                                             | EA  |     | 4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                               | 8,444.41<br>758.35        | 433.40                  |
| 08 33 13 00-0026                                                                                                                                                                                                                                                                             | EA  |     | 6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                               | 8,804.82<br>770.39        | 481.50                  |
| 08 33 13 00-0027                                                                                                                                                                                                                                                                             | EA  |     | 8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                               | 9,053.00<br>775.20        | 500.79                  |
| 08 33 13 00-0028                                                                                                                                                                                                                                                                             | EA  |     | 10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                              | 11,435.62<br>785.44       | 541.74                  |
| <b>08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors</b> (08 33 13 00-0001)                                                                                                                                                                                              |     |     |                                                                                                                                                                                                                               |                           |                         |
| Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                         |     |     |                                                                                                                                                                                                                               |                           |                         |
| 08 33 13 00-0030                                                                                                                                                                                                                                                                             | EA  |     | 4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 8,284.39<br>758.35        | 433.40                  |
| 08 33 13 00-0031                                                                                                                                                                                                                                                                             | EA  |     | 6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 8,764.45<br>758.35        | 433.40                  |
| 08 33 13 00-0032                                                                                                                                                                                                                                                                             | EA  |     | 8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 9,459.15<br>763.81        | 460.49                  |
| 08 33 13 00-0033                                                                                                                                                                                                                                                                             | EA  |     | 10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                 | 10,148.72<br>784.76       | 541.74                  |
| 08 33 13 00-0034                                                                                                                                                                                                                                                                             | EA  |     | 4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 9,244.51<br>758.35        | 433.40                  |
| 08 33 13 00-0035                                                                                                                                                                                                                                                                             | EA  |     | 6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 9,684.93<br>770.39        | 481.50                  |
| 08 33 13 00-0036                                                                                                                                                                                                                                                                             | EA  |     | 8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 10,053.12<br>775.20       | 500.79                  |
| 08 33 13 00-0037                                                                                                                                                                                                                                                                             | EA  |     | 10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                 | 10,315.48<br>785.44       | 541.74                  |
| <b>08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors</b> (08 33 13 00-0001)                                                                                                                                                                                               |     |     |                                                                                                                                                                                                                               |                           |                         |
| Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                                      |     |     |                                                                                                                                                                                                                               |                           |                         |
| 08 33 13 00-0039                                                                                                                                                                                                                                                                             | EA  |     | 4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 9,404.53<br>758.35        | 433.40                  |
| 08 33 13 00-0040                                                                                                                                                                                                                                                                             | EA  |     | 6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 10,684.69<br>758.35       | 433.40                  |
| 08 33 13 00-0041                                                                                                                                                                                                                                                                             | EA  |     | 8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 10,899.33<br>763.81       | 460.49                  |
| 08 33 13 00-0042                                                                                                                                                                                                                                                                             | EA  |     | 10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 13,349.12<br>784.76       | 541.74                  |
| 08 33 13 00-0043                                                                                                                                                                                                                                                                             | EA  |     | 4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 10,204.63<br>758.35       | 433.40                  |
| 08 33 13 00-0044                                                                                                                                                                                                                                                                             | EA  |     | 6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 10,565.04<br>770.39       | 481.50                  |
| 08 33 13 00-0045                                                                                                                                                                                                                                                                             | EA  |     | 8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                   | 10,933.23<br>775.20       | 500.79                  |
| 08 33 13 00-0046                                                                                                                                                                                                                                                                             | EA  |     | 10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                  | 13,515.88<br>785.44       | 541.74                  |
| <b>08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors</b> (08 33 13)                                                                                                                                                                                                   |     |     |                                                                                                                                                                                                                               |                           |                         |
| <b>08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill</b> (08 33 13 00-0047)                                                                                                                                              |     |     |                                                                                                                                                                                                                               |                           |                         |
| Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. |     |     |                                                                                                                                                                                                                               |                           |                         |
| 08 33 13 00-0049                                                                                                                                                                                                                                                                             | EA  |     | 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>  | 13,565.05<br>758.35       | 433.40                  |
| 08 33 13 00-0050                                                                                                                                                                                                                                                                             | EA  |     | 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>  | 13,885.09<br>758.35       | 433.40                  |
| 08 33 13 00-0051                                                                                                                                                                                                                                                                             | EA  |     | 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>  | 20,330.05<br>763.81       | 460.49                  |
| 08 33 13 00-0052                                                                                                                                                                                                                                                                             | EA  |     | 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) .....<br><i>For Motor Operator (With Safety Reverse), Add</i> | 14,789.30<br>784.76       | 541.74                  |
| 08 33 13 00-0053                                                                                                                                                                                                                                                                             | EA  |     | 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>  | 14,045.11<br>758.35       | 433.40                  |



|                            |  |       |    |
|----------------------------|--|-------|----|
| Openings                   |  | 08    | 08 |
| Specialty Doors and Frames |  | 08 30 |    |
| Coiling Doors and Grilles  |  | 08 33 |    |

| MINOR<br>CSI UOM DESCRIPTION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 13 00-0054             | EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill,<br>Manual Lift (Overhead Door Company, Series 655).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                             | 14,485.53<br>770.39       | 481.50                  |
| 08 33 13 00-0055             | EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill,<br>Manual Lift (Overhead Door Company, Series 655).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                             | 14,853.72<br>775.20       | 500.79                  |
| 08 33 13 00-0056             | EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill,<br>Manual Lift (Overhead Door Company, Series 655).....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                            | 16,556.26<br>785.44       | 541.74                  |
| 08 33 13 00-0057             | <b>Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill</b> (08 33 13 00-0047)<br>Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. |                           |                         |
| 08 33 13 00-0058             | EA 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 11,964.85<br>758.35       | 433.40                  |
| 08 33 13 00-0059             | EA 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 12,284.89<br>758.35       | 433.40                  |
| 08 33 13 00-0060             | EA 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 12,659.55<br>763.81       | 460.49                  |
| 08 33 13 00-0061             | EA 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                             | 13,189.10<br>784.76       | 541.74                  |
| 08 33 13 00-0062             | EA 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 13,405.03<br>758.35       | 433.40                  |
| 08 33 13 00-0063             | EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 13,845.45<br>770.39       | 481.50                  |
| 08 33 13 00-0064             | EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                              | 14,373.66<br>775.20       | 500.79                  |
| 08 33 13 00-0065             | EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                             | 14,796.04<br>785.44       | 541.74                  |
| 08 33 13 00-0066             | <b>Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill</b> (08 33 13 00-0047)<br>Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                                                                                                                                                 |                           |                         |
| 08 33 13 00-0067             | EA 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 18,685.69<br>758.35       | 433.40                  |
| 08 33 13 00-0068             | EA 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 20,285.89<br>758.35       | 433.40                  |
| 08 33 13 00-0069             | EA 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 23,540.91<br>763.81       | 460.49                  |
| 08 33 13 00-0070             | EA 10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                    | 25,350.62<br>784.76       | 541.74                  |
| 08 33 13 00-0071             | EA 4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 21,085.99<br>758.35       | 433.40                  |
| 08 33 13 00-0072             | EA 6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 22,806.57<br>770.39       | 481.50                  |
| 08 33 13 00-0073             | EA 8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                     | 25,255.02<br>775.20       | 500.79                  |
| 08 33 13 00-0074             | EA 10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and<br>Sill, Manual Lift (Overhead Door Company, Series 657) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                                    | 28,557.76<br>785.44       | 541.74                  |
| 08 33 13 00-0075             | <b>Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill</b> (08 33 13 00-0047)<br>Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                 |                           |                         |
| 08 33 13 00-0076             | EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame,<br>Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) .....<br><i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                                                                                                                                                                                      | 15,805.33<br>758.35       | 433.40                  |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                             |    |                                                                                                                                                                                            | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 13 00-0077                                                                                                                                                                                                                                                                                                                                         | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....  | 16,125.37                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0078                                                                                                                                                                                                                                                                                                                                         | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....  | 16,820.07                 | 460.49                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 763.81                    |                         |
| 08 33 13 00-0079                                                                                                                                                                                                                                                                                                                                         | EA | 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)..... | 18,149.72                 | 541.74                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 784.76                    |                         |
| 08 33 13 00-0080                                                                                                                                                                                                                                                                                                                                         | EA | 4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....  | 16,765.45                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0081                                                                                                                                                                                                                                                                                                                                         | EA | 6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....  | 17,845.95                 | 481.50                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 770.39                    |                         |
| 08 33 13 00-0082                                                                                                                                                                                                                                                                                                                                         | EA | 8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....  | 18,854.22                 | 500.79                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 775.20                    |                         |
| 08 33 13 00-0083                                                                                                                                                                                                                                                                                                                                         | EA | 10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)..... | 22,156.96                 | 541.74                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 785.44                    |                         |
| <b>08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)</b>                                                                                                                                                                                              |    |                                                                                                                                                                                            |                           |                         |
| Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                                                                                     |    |                                                                                                                                                                                            |                           |                         |
| 08 33 13 00-0085                                                                                                                                                                                                                                                                                                                                         | EA | 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....            | 22,686.19                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0086                                                                                                                                                                                                                                                                                                                                         | EA | 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....            | 23,486.29                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0087                                                                                                                                                                                                                                                                                                                                         | EA | 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....            | 26,741.31                 | 460.49                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 763.81                    |                         |
| <b>08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood (08 33 13 00-0047)</b>                                                                                                                                                                                            |    |                                                                                                                                                                                            |                           |                         |
| Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.                                                     |    |                                                                                                                                                                                            |                           |                         |
| 08 33 13 00-0089                                                                                                                                                                                                                                                                                                                                         | EA | 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....          | 17,085.49                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0090                                                                                                                                                                                                                                                                                                                                         | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....          | 23,486.29                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0091                                                                                                                                                                                                                                                                                                                                         | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....          | 26,741.31                 | 460.49                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 763.81                    |                         |
| <b>08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)</b>                                                                                                                                                                                             |    |                                                                                                                                                                                            |                           |                         |
| Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. |    |                                                                                                                                                                                            |                           |                         |
| 08 33 13 00-0093                                                                                                                                                                                                                                                                                                                                         | EA | 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....           | 14,845.21                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0094                                                                                                                                                                                                                                                                                                                                         | EA | 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....           | 16,765.45                 | 433.40                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 758.35                    |                         |
| 08 33 13 00-0095                                                                                                                                                                                                                                                                                                                                         | EA | 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....           | 17,940.21                 | 460.49                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 763.81                    |                         |
| 08 33 13 00-0096                                                                                                                                                                                                                                                                                                                                         | EA | 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....          | 19,749.92                 | 541.74                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Motor Operator (With Safety Reverse), Add</i>                                                                                                                                       | 784.76                    |                         |
| <b>08 33 16 Coiling Counter Grilles (08 33)</b>                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                                                                            |                           |                         |
| <b>08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) (08 33 16)</b>                                                                                                                                                                                                                                                    |    |                                                                                                                                                                                            |                           |                         |
| 08 33 16 00-0002                                                                                                                                                                                                                                                                                                                                         | EA | 4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....                                                                                                               | 2,032.67                  | 189.61                  |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Lexan Lattice Pattern, Add</i>                                                                                                                                                      | 223.64                    |                         |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>                                                                                                                              | 107.15                    |                         |
|                                                                                                                                                                                                                                                                                                                                                          |    | <i>For Staggered Brick Pattern, Add</i>                                                                                                                                                    | 190.75                    |                         |



|  |  |                                   |              |
|--|--|-----------------------------------|--------------|
|  |  | <b>Openings</b>                   | <b>08</b>    |
|  |  | <b>Specialty Doors and Frames</b> | <b>08 30</b> |
|  |  | <b>Coiling Doors and Grilles</b>  | <b>08 33</b> |

| MINOR            |                                                                                                                                                                                                                  | TOTAL DIRECT                               |  | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                  | UNIT COST                                  |  | UNIT COST  |
| 08 33 16 00-0003 | EA 6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add  | 2,223.34<br>252.24<br>147.44<br>258.78     |  | 189.61     |
| 08 33 16 00-0004 | EA 8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add  | 2,596.37<br>281.11<br>187.76<br>326.80     |  | 252.78     |
| 08 33 16 00-0005 | EA 12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 3,055.24<br>349.94<br>268.36<br>462.85     |  | 252.78     |
| 08 33 16 00-0006 | EA 16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 4,168.14<br>462.70<br>402.02<br>610.32     |  | 379.22     |
| 08 33 16 00-0007 | EA 18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 4,723.87<br>519.08<br>402.02<br>610.32     |  | 433.40     |
| 08 33 16 00-0008 | EA 20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 5,281.04<br>575.46<br>535.68<br>757.80     |  | 505.45     |
| 08 33 16 00-0009 | EA 24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 6,572.02<br>725.35<br>642.83<br>783.61     |  | 606.75     |
| 08 33 16 00-0010 | EA 30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 8,077.74<br>886.62<br>752.40<br>899.49     |  | 758.44     |
| 08 33 16 00-0011 | EA 4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add  | 2,178.22<br>245.47<br>160.70<br>221.62     |  | 189.61     |
| 08 33 16 00-0012 | EA 6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add  | 2,452.07<br>286.55<br>241.03<br>301.40     |  | 189.61     |
| 08 33 16 00-0013 | EA 8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add  | 2,794.19<br>310.78<br>321.35<br>381.19     |  | 252.89     |
| 08 33 16 00-0014 | EA 12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 3,322.89<br>390.09<br>482.12<br>540.75     |  | 252.89     |
| 08 33 16 00-0015 | EA 16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 4,543.56<br>519.01<br>642.83<br>744.41     |  | 379.22     |
| 08 33 16 00-0016 | EA 18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 5,153.16<br>583.47<br>642.83<br>744.41     |  | 433.40     |
| 08 33 16 00-0017 | EA 20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 5,760.36<br>647.93<br>803.54<br>948.08     |  | 505.45     |
| 08 33 16 00-0018 | EA 24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 7,198.16<br>819.27<br>964.23<br>1,092.94   |  | 606.75     |
| 08 33 16 00-0019 | EA 30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....<br>For Lexan Lattice Pattern, Add<br>For Aluminum With Clear Or Anodized Bronze Finish, Add<br>For Staggered Brick Pattern, Add | 8,701.36<br>980.16<br>1,122.63<br>1,225.26 |  | 758.44     |

**08 33 23 Overhead Coiling Doors (08 33)**

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1065 for forklift.

**08 33 23 11 Overhead Coiling Doors (08 33 23)**

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

**08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11)**

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish, 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

**08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)**

|                  |                                                                               |          |        |
|------------------|-------------------------------------------------------------------------------|----------|--------|
| 08 33 23 11-0003 | EA 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift..... | 1,302.33 | 559.27 |
| 08 33 23 11-0004 | EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift..... | 1,393.44 | 592.17 |
| 08 33 23 11-0005 | EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift..... | 1,390.49 | 592.17 |
| 08 33 23 11-0006 | EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift..... | 1,485.46 | 625.07 |

**08 Openings**  
**08 30 Specialty Doors and Frames**  
**08 33 Coiling Doors and Grilles**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                              |          |        |
|------------------|----|------------------------------------------------------------------------------|----------|--------|
| 08 33 23 11-0007 | EA | 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,511.54 | 641.55 |
| 08 33 23 11-0008 | EA | 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,639.09 | 690.87 |
| 08 33 23 11-0009 | EA | 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,745.10 | 723.77 |
| 08 33 23 11-0010 | EA | 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,715.89 | 723.77 |
| 08 33 23 11-0011 | EA | 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,769.95 | 740.22 |
| 08 33 23 11-0012 | EA | 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....   | 1,833.41 | 756.67 |
| 08 33 23 11-0013 | EA | 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....  | 1,958.33 | 789.57 |
| 08 33 23 11-0014 | EA | 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....  | 1,829.34 | 756.67 |
| 08 33 23 11-0015 | EA | 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....  | 1,938.89 | 789.57 |
| 08 33 23 11-0016 | EA | 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....  | 2,063.02 | 822.47 |
| 08 33 23 11-0017 | EA | 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift..... | 2,158.96 | 855.36 |

**08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)**

Note: With curtain hood (barrel cover).

|                  |    |                                                                             |          |          |
|------------------|----|-----------------------------------------------------------------------------|----------|----------|
| 08 33 23 11-0019 | EA | 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....   | 3,060.78 | 832.33   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,265.17 |          |
| 08 33 23 11-0020 | EA | 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....   | 3,148.92 | 851.26   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,296.09 |          |
| 08 33 23 11-0021 | EA | 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,401.90 | 908.00   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,416.43 |          |
| 08 33 23 11-0022 | EA | 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,624.79 | 945.84   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,536.30 |          |
| 08 33 23 11-0023 | EA | 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,271.19 | 870.17   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,365.68 |          |
| 08 33 23 11-0024 | EA | 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,532.56 | 945.84   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,467.13 |          |
| 08 33 23 11-0025 | EA | 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 3,718.28 | 983.67   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,559.12 |          |
| 08 33 23 11-0026 | EA | 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 3,952.56 | 1,021.50 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,687.54 |          |
| 08 33 23 11-0027 | EA | 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,491.02 | 908.00   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,483.27 |          |
| 08 33 23 11-0028 | EA | 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,694.19 | 945.84   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,588.35 |          |
| 08 33 23 11-0029 | EA | 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 3,973.05 | 1,021.50 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,702.91 |          |
| 08 33 23 11-0030 | EA | 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 4,270.52 | 1,054.40 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,884.89 |          |
| 08 33 23 11-0031 | EA | 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 4,377.98 | 1,120.20 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,883.24 |          |
| 08 33 23 11-0032 | EA | 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 4,774.96 | 1,186.00 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,098.73 |          |
| 08 33 23 11-0033 | EA | 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 5,188.04 | 1,251.79 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,326.29 |          |

**08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)**

Note: With curtain hood (barrel cover).

|                  |    |                                                                             |          |          |
|------------------|----|-----------------------------------------------------------------------------|----------|----------|
| 08 33 23 11-0035 | EA | 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....   | 2,701.14 | 749.10   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,089.48 |          |
| 08 33 23 11-0036 | EA | 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 2,904.73 | 790.72   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,190.11 |          |
| 08 33 23 11-0037 | EA | 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,049.97 | 823.62   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,257.92 |          |
| 08 33 23 11-0038 | EA | 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....   | 3,085.44 | 873.96   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,221.61 |          |
| 08 33 23 11-0039 | EA | 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,385.66 | 957.19   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,342.72 |          |
| 08 33 23 11-0040 | EA | 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,574.35 | 990.08   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,443.12 |          |
| 08 33 23 11-0041 | EA | 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 4,018.40 | 1,022.99 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,735.03 |          |
| 08 33 23 11-0042 | EA | 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 4,495.35 | 1,072.34 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,031.06 |          |
| 08 33 23 11-0043 | EA | 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....   | 3,351.89 | 936.37   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,343.47 |          |
| 08 33 23 11-0044 | EA | 8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,624.68 | 998.80   |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,470.01 |          |
| 08 33 23 11-0045 | EA | 8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 3,842.54 | 1,040.43 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,581.34 |          |
| 08 33 23 11-0046 | EA | 8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 4,269.66 | 1,073.33 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,860.56 |          |
| 08 33 23 11-0047 | EA | 8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....  | 4,729.69 | 1,122.67 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,143.89 |          |
| 08 33 23 11-0048 | EA | 10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 3,951.83 | 1,082.03 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,611.33 |          |
| 08 33 23 11-0049 | EA | 10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 4,234.44 | 1,123.66 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 1,771.22 |          |
| 08 33 23 11-0050 | EA | 10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 4,744.19 | 1,189.45 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,071.29 |          |
| 08 33 23 11-0051 | EA | 10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... | 5,319.74 | 1,288.15 |
|                  |    | For 3/4" Insulated Slats, Add.....                                          | 2,379.59 |          |



|  |  |                            |       |    |
|--|--|----------------------------|-------|----|
|  |  | Openings                   | 08    | 08 |
|  |  | Specialty Doors and Frames | 08 30 |    |
|  |  | Coiling Doors and Grilles  | 08 33 |    |

| MINOR            |                                                                                                                  | TOTAL DIRECT          |  | DEMOLITION |
|------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                  | UNIT COST             |  | UNIT COST  |
| 08 33 23 11-0052 | EA 10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 5,915.56<br>2,661.96  |  | 1,419.74   |
| 08 33 23 11-0053 | EA 10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,577.19<br>2,952.56  |  | 1,584.24   |
| 08 33 23 11-0054 | EA 10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,304.62<br>3,251.39  |  | 1,781.63   |
| 08 33 23 11-0055 | EA 10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,096.42<br>3,557.38  |  | 2,011.92   |
| 08 33 23 11-0056 | EA 12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 4,247.81<br>1,781.25  |  | 1,123.66   |
| 08 33 23 11-0057 | EA 12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 4,526.91<br>1,945.35  |  | 1,159.84   |
| 08 33 23 11-0058 | EA 12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 5,159.29<br>2,337.38  |  | 1,225.64   |
| 08 33 23 11-0059 | EA 12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 5,857.45<br>2,737.63  |  | 1,324.33   |
| 08 33 23 11-0060 | EA 12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,551.92<br>3,093.99  |  | 1,455.94   |
| 08 33 23 11-0061 | EA 12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,312.18<br>3,458.57  |  | 1,620.42   |
| 08 33 23 11-0062 | EA 12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,138.25<br>3,831.38  |  | 1,817.82   |
| 08 33 23 11-0063 | EA 12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 9,095.89<br>4,220.63  |  | 2,081.00   |
| 08 33 23 11-0064 | 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)<br>Note: With curtain hood (barrel cover)    |                       |  |            |
| 08 33 23 11-0065 | EA 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 5,173.23<br>2,244.45  |  | 1,308.39   |
| 08 33 23 11-0066 | EA 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 5,651.93<br>2,521.23  |  | 1,374.19   |
| 08 33 23 11-0067 | EA 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,222.96<br>2,867.26  |  | 1,439.99   |
| 08 33 23 11-0068 | EA 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,802.09<br>3,178.23  |  | 1,538.68   |
| 08 33 23 11-0069 | EA 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,478.52<br>3,521.07  |  | 1,670.27   |
| 08 33 23 11-0070 | EA 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,154.38<br>3,863.47  |  | 1,801.87   |
| 08 33 23 11-0071 | EA 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 9,519.68<br>4,681.82  |  | 1,966.36   |
| 08 33 23 11-0072 | EA 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 10,950.75<br>5,508.39 |  | 2,163.75   |
| 08 33 23 11-0073 | EA 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,206.44<br>2,774.02  |  | 1,504.65   |
| 08 33 23 11-0074 | EA 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,747.23<br>3,097.37  |  | 1,570.44   |
| 08 33 23 11-0075 | EA 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,231.86<br>3,378.59  |  | 1,636.25   |
| 08 33 23 11-0076 | EA 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,798.52<br>3,680.22  |  | 1,734.94   |
| 08 33 23 11-0077 | EA 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,477.80<br>4,025.18  |  | 1,866.53   |
| 08 33 23 11-0078 | EA 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 9,245.52<br>4,436.48  |  | 1,998.12   |
| 08 33 23 11-0079 | EA 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 10,394.92<br>5,092.92 |  | 2,162.62   |
| 08 33 23 11-0080 | EA 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 11,618.65<br>5,763.98 |  | 2,360.01   |
| 08 33 23 11-0081 | EA 18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 6,733.26<br>2,933.99  |  | 1,692.73   |
| 08 33 23 11-0082 | EA 18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,220.15<br>3,216.91  |  | 1,758.54   |
| 08 33 23 11-0083 | EA 18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,994.72<br>3,674.47  |  | 1,857.23   |
| 08 33 23 11-0084 | EA 18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,726.33<br>4,058.69  |  | 1,988.82   |
| 08 33 23 11-0085 | EA 18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 9,528.12<br>4,454.41  |  | 2,153.31   |
| 08 33 23 11-0086 | EA 18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 10,396.26<br>4,858.78 |  | 2,350.71   |
| 08 33 23 11-0087 | EA 18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 11,835.66<br>5,650.46 |  | 2,580.99   |
| 08 33 23 11-0088 | EA 18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 13,366.74<br>6,469.79 |  | 2,844.19   |
| 08 33 23 11-0089 | EA 20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 7,700.87<br>3,342.31  |  | 1,946.65   |
| 08 33 23 11-0090 | EA 20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 8,605.02<br>3,938.17  |  | 2,012.44   |
| 08 33 23 11-0091 | EA 20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 9,775.21<br>4,356.31  |  | 2,380.11   |
| 08 33 23 11-0092 | EA 20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add | 10,750.41<br>4,964.34 |  | 2,478.80   |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR            | CSI | UOM | DESCRIPTION                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 23 11-0093 | EA  |     | 20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 11,927.92<br>5,682.98     | 2,610.39                |
| 08 33 23 11-0094 | EA  |     | 20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 13,235.01<br>6,498.80     | 2,741.99                |
| 08 33 23 11-0095 | EA  |     | 20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 14,613.99<br>7,327.42     | 2,906.48                |
| 08 33 23 11-0096 | EA  |     | 20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 16,080.21<br>8,180.35     | 3,103.87                |
| 08 33 23 11-0097 | EA  |     | 22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 8,491.71<br>3,488.27      | 2,304.44                |
| 08 33 23 11-0098 | EA  |     | 22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 9,514.42<br>4,131.93      | 2,403.13                |
| 08 33 23 11-0099 | EA  |     | 22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 10,917.47<br>4,915.43     | 2,618.11                |
| 08 33 23 11-0100 | EA  |     | 22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 12,175.45<br>5,735.55     | 2,716.81                |
| 08 33 23 11-0101 | EA  |     | 22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 13,503.30<br>6,566.94     | 2,848.40                |
| 08 33 23 11-0102 | EA  |     | 22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 14,960.26<br>7,495.17     | 2,979.99                |
| 08 33 23 11-0103 | EA  |     | 22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 16,487.27<br>8,434.82     | 3,144.49                |
| 08 33 23 11-0104 | EA  |     | 22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 18,071.46<br>9,376.22     | 3,341.88                |
| 08 33 23 11-0105 | EA  |     | 24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 9,357.62<br>3,849.58      | 2,534.87                |
| 08 33 23 11-0106 | EA  |     | 24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 10,053.39<br>4,289.17     | 2,600.67                |
| 08 33 23 11-0107 | EA  |     | 24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 11,530.28<br>5,314.59     | 2,666.47                |
| 08 33 23 11-0108 | EA  |     | 24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 12,929.15<br>6,240.37     | 2,765.17                |
| 08 33 23 11-0109 | EA  |     | 24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 14,340.93<br>7,134.72     | 2,896.76                |
| 08 33 23 11-0110 | EA  |     | 24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 15,880.86<br>8,125.17     | 3,028.35                |
| 08 33 23 11-0111 | EA  |     | 24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 17,757.96<br>9,306.82     | 3,209.30                |
| 08 33 23 11-0112 | EA  |     | 24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 19,678.29<br>10,520.89    | 3,390.24                |
| 08 33 23 11-0113 |     |     | <b>18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)</b><br>Note: With curtain hood (barrel cover). |                           |                         |
| 08 33 23 11-0114 | EA  |     | 14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 5,687.50<br>2,548.40      | 1,373.84                |
| 08 33 23 11-0115 | EA  |     | 14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 6,224.85<br>2,865.06      | 1,442.93                |
| 08 33 23 11-0116 | EA  |     | 14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 6,868.38<br>3,261.34      | 1,512.02                |
| 08 33 23 11-0117 | EA  |     | 14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 7,514.63<br>3,616.49      | 1,615.59                |
| 08 33 23 11-0118 | EA  |     | 14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 8,266.21<br>4,007.46      | 1,753.76                |
| 08 33 23 11-0119 | EA  |     | 14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 9,017.13<br>4,397.94      | 1,891.93                |
| 08 33 23 11-0120 | EA  |     | 14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 10,554.32<br>5,334.93     | 2,064.71                |
| 08 33 23 11-0121 | EA  |     | 14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 12,160.60<br>6,280.56     | 2,271.98                |
| 08 33 23 11-0122 | EA  |     | 16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 6,836.41<br>3,152.49      | 1,579.92                |
| 08 33 23 11-0123 | EA  |     | 16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 7,445.16<br>3,522.70      | 1,649.01                |
| 08 33 23 11-0124 | EA  |     | 16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 7,989.34<br>3,844.47      | 1,718.10                |
| 08 33 23 11-0125 | EA  |     | 16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 8,621.26<br>4,188.87      | 1,821.66                |
| 08 33 23 11-0126 | EA  |     | 16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 9,376.10<br>4,582.28      | 1,959.84                |
| 08 33 23 11-0127 | EA  |     | 16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 10,232.67<br>5,051.99     | 2,098.01                |
| 08 33 23 11-0128 | EA  |     | 16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 11,521.58<br>5,802.78     | 2,270.79                |
| 08 33 23 11-0129 | EA  |     | 16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 12,889.38<br>6,569.55     | 2,478.05                |
| 08 33 23 11-0130 | EA  |     | 18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 7,404.66<br>3,331.77      | 1,777.31                |
| 08 33 23 11-0131 | EA  |     | 18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 7,951.41<br>3,655.48      | 1,846.40                |
| 08 33 23 11-0132 | EA  |     | 18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 8,822.42<br>4,179.20      | 1,950.09                |
| 08 33 23 11-0133 | EA  |     | 18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....<br><i>For 3/4" Insulated Slats, Add</i>   | 9,637.48<br>4,617.77      | 2,088.27                |





|  |  |                                   |              |
|--|--|-----------------------------------|--------------|
|  |  | <b>Openings</b>                   | <b>08</b>    |
|  |  | <b>Specialty Doors and Frames</b> | <b>08 30</b> |
|  |  | <b>Coiling Doors and Grilles</b>  | <b>08 33</b> |

| MINOR            |                                                                                                                                                                                                                                                                                                               | TOTAL DIRECT           |  | DEMOLITION |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--|------------|
| CSI              | UOM DESCRIPTION                                                                                                                                                                                                                                                                                               | UNIT COST              |  | UNIT COST  |
| 08 33 23 11-0134 | EA 18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 10,526.62<br>5,068.73  |  | 2,260.92   |
| 08 33 23 11-0135 | EA 18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 11,485.50<br>5,528.81  |  | 2,468.19   |
| 08 33 23 11-0136 | EA 18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 13,094.75<br>6,433.50  |  | 2,710.05   |
| 08 33 23 11-0137 | EA 18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 14,802.85<br>7,369.14  |  | 2,986.41   |
| 08 33 23 11-0138 | EA 20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 8,466.62<br>3,794.98   |  | 2,043.92   |
| 08 33 23 11-0139 | EA 20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 9,493.23<br>4,478.58   |  | 2,113.01   |
| 08 33 23 11-0140 | EA 20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 10,570.48<br>4,803.98  |  | 2,499.11   |
| 08 33 23 11-0141 | EA 20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 11,641.98<br>5,478.07  |  | 2,602.80   |
| 08 33 23 11-0142 | EA 20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 12,934.25<br>6,274.54  |  | 2,740.98   |
| 08 33 23 11-0143 | EA 20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 14,370.49<br>7,179.01  |  | 2,879.15   |
| 08 33 23 11-0144 | EA 20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 15,882.59<br>8,097.19  |  | 3,051.81   |
| 08 33 23 11-0145 | EA 20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 17,487.59<br>9,041.86  |  | 3,259.07   |
| 08 33 23 11-0146 | EA 22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 9,153.56<br>3,840.64   |  | 2,419.62   |
| 08 33 23 11-0147 | EA 22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 10,277.83<br>4,554.30  |  | 2,523.32   |
| 08 33 23 11-0148 | EA 22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 11,810.60<br>5,421.61  |  | 2,749.00   |
| 08 33 23 11-0149 | EA 22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 13,196.29<br>6,331.34  |  | 2,852.70   |
| 08 33 23 11-0150 | EA 22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 14,655.59<br>7,253.10  |  | 2,990.87   |
| 08 33 23 11-0151 | EA 22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 16,258.34<br>8,282.44  |  | 3,129.05   |
| 08 33 23 11-0152 | EA 22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 17,934.91<br>9,323.98  |  | 3,301.70   |
| 08 33 23 11-0153 | EA 22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 19,671.01<br>10,366.98 |  | 3,508.96   |
| 08 33 23 11-0154 | EA 24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 10,087.49<br>4,238.59  |  | 2,661.63   |
| 08 33 23 11-0155 | EA 24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 10,852.53<br>4,726.00  |  | 2,730.71   |
| 08 33 23 11-0156 | EA 24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 12,485.47<br>5,864.35  |  | 2,799.80   |
| 08 33 23 11-0157 | EA 24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 14,027.70<br>6,891.49  |  | 2,903.37   |
| 08 33 23 11-0158 | EA 24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 15,580.29<br>7,883.21  |  | 3,041.54   |
| 08 33 23 11-0159 | EA 24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 17,275.23<br>8,981.70  |  | 3,179.71   |
| 08 33 23 11-0160 | EA 24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 19,338.84<br>10,291.88 |  | 3,369.74   |
| 08 33 23 11-0161 | EA 24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....<br>For 3/4" Insulated Slats, Add                                                                                                                                                                                              | 21,450.37<br>11,638.08 |  | 3,559.75   |
| 08 33 23 11-0162 | Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)<br>Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports. |                        |  |            |
| 08 33 23 11-0163 | 0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0162)                                                                                                                                                                                                                                                      |                        |  |            |
| 08 33 23 11-0164 | EA 4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                             | 2,755.00               |  | 749.10     |
| 08 33 23 11-0165 | EA 4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 2,961.51               |  | 790.72     |
| 08 33 23 11-0166 | EA 4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 3,487.07               |  | 823.62     |
| 08 33 23 11-0167 | EA 6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                             | 3,376.98               |  | 873.96     |
| 08 33 23 11-0168 | EA 6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 3,695.89               |  | 957.19     |
| 08 33 23 11-0169 | EA 6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 3,914.17               |  | 990.08     |
| 08 33 23 11-0170 | EA 6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,178.17               |  | 1,022.99   |
| 08 33 23 11-0171 | EA 6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,478.38               |  | 1,072.34   |
| 08 33 23 11-0172 | EA 8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                             | 3,689.89               |  | 936.37     |
| 08 33 23 11-0173 | EA 8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,021.11               |  | 998.80     |
| 08 33 23 11-0174 | EA 8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,313.96               |  | 1,040.43   |
| 08 33 23 11-0175 | EA 8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,578.17               |  | 1,073.33   |
| 08 33 23 11-0176 | EA 8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                            | 4,876.40               |  | 1,122.67   |
| 08 33 23 11-0177 | EA 10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 4,413.31               |  | 1,082.03   |
| 08 33 23 11-0178 | EA 10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 4,701.41               |  | 1,123.66   |
| 08 33 23 11-0179 | EA 10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 5,085.60               |  | 1,189.45   |
| 08 33 23 11-0180 | EA 10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 5,536.99               |  | 1,288.15   |
| 08 33 23 11-0181 | EA 10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 6,234.54               |  | 1,419.74   |
| 08 33 23 11-0182 | EA 10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 6,997.79               |  | 1,584.24   |
| 08 33 23 11-0183 | EA 10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....                                                                                                                                                                                                                                           | 7,822.69               |  | 1,781.63   |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

|                  |    |                                                                   |          |          |
|------------------|----|-------------------------------------------------------------------|----------|----------|
| 08 33 23 11-0184 | EA | 10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,714.59 | 2,011.92 |
| 08 33 23 11-0185 | EA | 12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 4,696.27 | 1,123.66 |
| 08 33 23 11-0186 | EA | 12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 5,263.33 | 1,169.84 |
| 08 33 23 11-0187 | EA | 12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 5,780.46 | 1,225.64 |
| 08 33 23 11-0188 | EA | 12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,365.71 | 1,324.33 |
| 08 33 23 11-0189 | EA | 12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 7,154.28 | 1,455.94 |
| 08 33 23 11-0190 | EA | 12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,010.64 | 1,620.42 |
| 08 33 23 11-0191 | EA | 12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,642.57 | 1,817.82 |
| 08 33 23 11-0192 | EA | 12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift ..... | 9,408.76 | 2,081.00 |

**08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors** (08 33 23 11-0162)

|                  |    |                                                                   |           |          |
|------------------|----|-------------------------------------------------------------------|-----------|----------|
| 08 33 23 11-0194 | EA | 14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 5,369.36  | 1,308.39 |
| 08 33 23 11-0195 | EA | 14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,051.47  | 1,374.19 |
| 08 33 23 11-0196 | EA | 14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,720.57  | 1,439.99 |
| 08 33 23 11-0197 | EA | 14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 7,403.32  | 1,538.68 |
| 08 33 23 11-0198 | EA | 14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,194.23  | 1,670.27 |
| 08 33 23 11-0199 | EA | 14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,985.12  | 1,801.87 |
| 08 33 23 11-0200 | EA | 14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 9,853.23  | 1,966.36 |
| 08 33 23 11-0201 | EA | 14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,787.24 | 2,163.75 |
| 08 33 23 11-0202 | EA | 16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,258.68  | 1,504.65 |
| 08 33 23 11-0203 | EA | 16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,971.74  | 1,570.44 |
| 08 33 23 11-0204 | EA | 16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 7,655.47  | 1,636.25 |
| 08 33 23 11-0205 | EA | 16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,426.19  | 1,734.94 |
| 08 33 23 11-0206 | EA | 16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 9,321.35  | 1,866.53 |
| 08 33 23 11-0207 | EA | 16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,265.35 | 1,998.12 |
| 08 33 23 11-0208 | EA | 16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 11,236.04 | 2,162.62 |
| 08 33 23 11-0209 | EA | 16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 12,222.06 | 2,360.01 |
| 08 33 23 11-0210 | EA | 18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 6,994.86  | 1,692.73 |
| 08 33 23 11-0211 | EA | 18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 7,758.41  | 1,758.54 |
| 08 33 23 11-0212 | EA | 18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,661.69  | 1,857.23 |
| 08 33 23 11-0213 | EA | 18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 9,618.08  | 1,988.82 |
| 08 33 23 11-0214 | EA | 18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,650.69 | 2,153.31 |
| 08 33 23 11-0215 | EA | 18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 11,742.59 | 2,350.71 |
| 08 33 23 11-0216 | EA | 18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 12,898.66 | 2,580.99 |
| 08 33 23 11-0217 | EA | 18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 14,127.02 | 2,844.19 |
| 08 33 23 11-0218 | EA | 20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 7,991.31  | 1,946.65 |
| 08 33 23 11-0219 | EA | 20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 8,769.52  | 2,012.44 |
| 08 33 23 11-0220 | EA | 20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,046.76 | 2,111.14 |
| 08 33 23 11-0221 | EA | 20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,948.46 | 2,242.74 |
| 08 33 23 11-0222 | EA | 20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 12,069.01 | 2,407.23 |
| 08 33 23 11-0223 | EA | 20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 13,284.67 | 2,604.62 |
| 08 33 23 11-0224 | EA | 20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 14,514.01 | 2,834.91 |
| 08 33 23 11-0225 | EA | 20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 15,843.39 | 3,098.10 |
| 08 33 23 11-0226 | EA | 22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 9,434.84  | 2,304.44 |
| 08 33 23 11-0227 | EA | 22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,459.64 | 2,403.13 |
| 08 33 23 11-0228 | EA | 22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 11,834.38 | 2,618.11 |
| 08 33 23 11-0229 | EA | 22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 12,955.25 | 2,716.81 |
| 08 33 23 11-0230 | EA | 22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 14,140.34 | 2,848.40 |
| 08 33 23 11-0231 | EA | 22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 15,336.79 | 2,979.99 |
| 08 33 23 11-0232 | EA | 22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 16,537.16 | 3,144.49 |
| 08 33 23 11-0233 | EA | 22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 17,811.45 | 3,341.88 |
| 08 33 23 11-0234 | EA | 24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 10,399.09 | 2,534.87 |
| 08 33 23 11-0235 | EA | 24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 11,027.45 | 2,600.67 |
| 08 33 23 11-0236 | EA | 24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 12,530.48 | 2,666.47 |
| 08 33 23 11-0237 | EA | 24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 13,784.92 | 2,765.17 |
| 08 33 23 11-0238 | EA | 24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 15,038.39 | 2,896.76 |
| 08 33 23 11-0239 | EA | 24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 16,291.88 | 3,028.35 |
| 08 33 23 11-0240 | EA | 24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 17,780.52 | 3,192.85 |
| 08 33 23 11-0241 | EA | 24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift ..... | 19,383.87 | 3,390.24 |

**08 33 23 11-0242 Overhead Coiling Door Accessories** (08 33 23 11)

|                  |    |                                                                                                                                         |          |        |
|------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------|----------|--------|
| 08 33 23 11-0243 | LF | Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only .....                                                               | 4.96     | 1.36   |
| 08 33 23 11-0244 | LF | Top Of Door (Lintel), Weather Strip Seal For Coiling Doors .....                                                                        | 33.88    | 1.63   |
| 08 33 23 11-0245 | LF | Side Of Door (Guides), Weather Strip Seal For Coiling Doors .....                                                                       | 32.29    | 1.63   |
| 08 33 23 11-0246 | EA | Cylinder Lock For Coiling Doors .....                                                                                                   | 267.86   | 67.81  |
| 08 33 23 11-0247 | EA | Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                               | 1,797.50 | 217.01 |
|                  |    | Note: Includes three button inside station controls and mounting hardware.                                                              |          |        |
| 08 33 23 11-0248 | EA | Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                               | 2,283.86 | 217.01 |
|                  |    | Note: Includes three button inside station controls and mounting hardware.                                                              |          |        |
| 08 33 23 11-0249 | EA | >12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                             | 2,131.49 | 244.13 |
|                  |    | Note: Includes three button inside station controls and mounting hardware.                                                              |          |        |
| 08 33 23 11-0250 | EA | >12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                             | 2,530.81 | 244.13 |
|                  |    | Note: Includes three button inside station controls and mounting hardware.                                                              |          |        |
| 08 33 23 11-0251 | EA | >18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                             | 2,757.30 | 271.25 |
|                  |    | Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. |          |        |
| 08 33 23 11-0252 | EA | >18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....                                               | 2,999.55 | 271.25 |
|                  |    | Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator. |          |        |



|  |  |                            |       |    |
|--|--|----------------------------|-------|----|
|  |  | Openings                   | 08    | 08 |
|  |  | Specialty Doors and Frames | 08 30 |    |
|  |  | Coiling Doors and Grilles  | 08 33 |    |

| MINOR<br>CSI UOM DESCRIPTION |    |                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 23 11-0253             | LF | Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles.....                                                                                                                                                                                                                          | 94.65                     |                         |
| 08 33 23 11-0254             | EA | Remote Transmitter Kit For Coiling Door Operators.....                                                                                                                                                                                                                                                                    | 352.99                    | 108.50                  |
| 08 33 23 11-0255             |    | Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11)<br>Note: Includes storage, cleaning and supply materials.                                                                                                                                                                                            |                           |                         |
| 08 33 23 11-0256             | SF | Removal And Reinstallation Of Metal Roll-up Door And Supports.....                                                                                                                                                                                                                                                        | 23.23                     |                         |
| 08 33 23 13                  |    | Overhead Rapid Coiling Doors (08 33 23)<br>Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1065 for forklift.                                   |                           |                         |
| 08 33 23 13-0001             |    | 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13)<br>Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system. |                           |                         |
| 08 33 23 13-0002             |    | 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0001)                                                                                                                                                                                                                                |                           |                         |
| 08 33 23 13-0003             |    | 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                       |                           |                         |
| 08 33 23 13-0004             | EA | 5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,116.99                  | 397.12                  |
| 08 33 23 13-0005             | EA | 5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,395.49                  | 415.56                  |
| 08 33 23 13-0006             | EA | 5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,672.11                  | 434.01                  |
| 08 33 23 13-0007             | EA | 5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,946.87                  | 452.46                  |
| 08 33 23 13-0008             | EA | 5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,225.36                  | 470.90                  |
| 08 33 23 13-0009             | EA | 5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 6,501.99                  | 489.35                  |
| 08 33 23 13-0010             |    | 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                       |                           |                         |
| 08 33 23 13-0011             | EA | 6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,395.49                  | 415.56                  |
| 08 33 23 13-0012             | EA | 6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,672.11                  | 434.01                  |
| 08 33 23 13-0013             | EA | 6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,946.87                  | 452.46                  |
| 08 33 23 13-0014             | EA | 6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,225.36                  | 470.90                  |
| 08 33 23 13-0015             | EA | 6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,501.99                  | 489.35                  |
| 08 33 23 13-0016             | EA | 6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 6,778.63                  | 507.79                  |
| 08 33 23 13-0017             |    | 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                       |                           |                         |
| 08 33 23 13-0018             | EA | 7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,672.11                  | 434.01                  |
| 08 33 23 13-0019             | EA | 7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,946.87                  | 452.46                  |
| 08 33 23 13-0020             | EA | 7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,225.36                  | 470.90                  |
| 08 33 23 13-0021             | EA | 7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,501.99                  | 489.35                  |
| 08 33 23 13-0022             | EA | 7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,778.63                  | 507.79                  |
| 08 33 23 13-0023             | EA | 7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,057.13                  | 526.24                  |
| 08 33 23 13-0024             |    | 8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                       |                           |                         |
| 08 33 23 13-0025             | EA | 8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 5,946.87                  | 452.46                  |
| 08 33 23 13-0026             | EA | 8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,225.36                  | 470.90                  |
| 08 33 23 13-0027             | EA | 8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,501.99                  | 489.35                  |
| 08 33 23 13-0028             | EA | 8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,778.63                  | 507.79                  |
| 08 33 23 13-0029             | EA | 8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 7,057.13                  | 526.24                  |
| 08 33 23 13-0030             | EA | 8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,331.88                  | 544.68                  |
| 08 33 23 13-0031             |    | 9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                       |                           |                         |
| 08 33 23 13-0032             | EA | 9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,225.36                  | 470.90                  |
| 08 33 23 13-0033             | EA | 9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,501.99                  | 489.35                  |
| 08 33 23 13-0034             | EA | 9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 6,778.63                  | 507.79                  |
| 08 33 23 13-0035             | EA | 9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 7,057.13                  | 526.24                  |
| 08 33 23 13-0036             | EA | 9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                      | 7,331.88                  | 544.68                  |
| 08 33 23 13-0037             | EA | 9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,610.38                  | 563.13                  |
| 08 33 23 13-0038             |    | 10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)                                                                                                                                                                                                                      |                           |                         |
| 08 33 23 13-0039             | EA | 10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 6,501.99                  | 489.35                  |
| 08 33 23 13-0040             | EA | 10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 6,778.63                  | 507.79                  |
| 08 33 23 13-0041             | EA | 10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,057.13                  | 526.24                  |
| 08 33 23 13-0042             | EA | 10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,331.88                  | 544.68                  |
| 08 33 23 13-0043             | EA | 10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....                                                                                                                                                                                                                                     | 7,610.38                  | 563.13                  |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 33 23 13-0044 EA 10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....7,887.01 581.57

**08 33 23 13-0045 Rytec® Bantam® Door Options (08 33 23 13-0001)**

08 33 23 13-0046 SF Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors .....11.71  
 08 33 23 13-0047 SF Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors .....25.75  
 08 33 23 13-0048 LF 31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors .....37.46  
 Note: Multiply linear foot price x width of door.  
 08 33 23 13-0049 EA Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors .....355.86  
 08 33 23 13-0050 EA Roll Cover For Rytec® Bantam® High-Speed Rolling Doors.....670.38 54.25  
 08 33 23 13-0051 EA Motor Cover For Rytec® Bantam® High-Speed Rolling Doors.....670.38 54.25  
 08 33 23 13-0052 EA Motor Operator For Rytec® Bantam® High-Speed Rolling Doors .....2,885.95 108.50  
 Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.  
 08 33 23 13-0053 EA Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator .....351.98 54.25  
 Note: Includes open/close/stop control.  
 08 33 23 13-0054 EA Auto Close Feature For Rytec® Bantam® Motor Operator .....342.62 54.25

**08 33 23 13-0055 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13)**  
 Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

**08 33 23 13-0056 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)**

**08 33 23 13-0057 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)**

08 33 23 13-0058 EA 6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....15,927.85 434.01  
 08 33 23 13-0059 EA 6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,183.25 452.46  
 08 33 23 13-0060 EA 6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,478.53 470.90  
 08 33 23 13-0061 EA 6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,891.75 489.35  
 08 33 23 13-0062 EA 6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,313.64 507.79  
 08 33 23 13-0063 EA 6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,026.87 526.24  
 08 33 23 13-0064 EA 6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,531.99 544.68

**08 33 23 13-0065 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)**

08 33 23 13-0066 EA 7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,240.48 452.46  
 08 33 23 13-0067 EA 7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,566.98 470.90  
 08 33 23 13-0068 EA 7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,978.46 489.35  
 08 33 23 13-0069 EA 7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,414.22 507.79  
 08 33 23 13-0070 EA 7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,990.45 526.24  
 08 33 23 13-0071 EA 7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,686.34 544.68  
 08 33 23 13-0072 EA 7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,234.82 563.13

**08 33 23 13-0073 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)**

08 33 23 13-0074 EA 8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....16,622.47 470.90  
 08 33 23 13-0075 EA 8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,032.22 489.35  
 08 33 23 13-0076 EA 8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,485.33 507.79  
 08 33 23 13-0077 EA 8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,078.89 526.24  
 08 33 23 13-0078 EA 8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,613.50 544.68  
 08 33 23 13-0079 EA 8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,371.82 563.13  
 08 33 23 13-0080 EA 8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,993.14 581.57

**08 33 23 13-0081 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)**

08 33 23 13-0082 EA 9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,089.45 489.35  
 08 33 23 13-0083 EA 9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,539.09 507.79  
 08 33 23 13-0084 EA 9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,132.66 526.24  
 08 33 23 13-0085 EA 9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,684.60 544.68  
 08 33 23 13-0086 EA 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,264.30 563.13  
 08 33 23 13-0087 EA 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,866.54 581.57  
 08 33 23 13-0088 EA 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....20,527.74 600.02

**08 33 23 13-0089 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)**

08 33 23 13-0090 EA 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....17,584.17 507.79  
 08 33 23 13-0091 EA 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,189.88 526.24  
 08 33 23 13-0092 EA 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....18,736.63 544.68  
 08 33 23 13-0093 EA 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,321.53 563.13  
 08 33 23 13-0094 EA 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....19,970.59 581.57  
 08 33 23 13-0095 EA 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....20,097.66 600.02



|  |  |                            |       |    |
|--|--|----------------------------|-------|----|
|  |  | Openings                   | 08    | 08 |
|  |  | Specialty Doors and Frames | 08 30 |    |
|  |  | Coiling Doors and Grilles  | 08 33 |    |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 23 13-0096 EA 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21,204.54                 | 618.46                  |
| 08 33 23 13-0097 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0096)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                         |
| 08 33 23 13-0098 EA 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18,222.83                 | 526.24                  |
| 08 33 23 13-0099 EA 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18,783.45                 | 544.68                  |
| 08 33 23 13-0100 EA 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 19,375.29                 | 563.13                  |
| 08 33 23 13-0101 EA 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20,026.09                 | 581.57                  |
| 08 33 23 13-0102 EA 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20,451.44                 | 600.02                  |
| 08 33 23 13-0103 EA 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21,298.19                 | 618.46                  |
| 08 33 23 13-0104 EA 11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21,990.62                 | 636.91                  |
| 08 33 23 13-0105 12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0096)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                         |
| 08 33 23 13-0106 EA 12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18,799.06                 | 544.68                  |
| 08 33 23 13-0107 EA 12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 19,406.50                 | 563.13                  |
| 08 33 23 13-0108 EA 12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20,069.44                 | 581.57                  |
| 08 33 23 13-0109 EA 12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20,510.40                 | 600.02                  |
| 08 33 23 13-0110 EA 12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21,091.82                 | 618.46                  |
| 08 33 23 13-0111 EA 12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22,070.39                 | 636.91                  |
| 08 33 23 13-0112 EA 12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22,748.94                 | 655.35                  |
| 08 33 23 13-0113 Rytec® PredaDoor® Door Options (08 33 23 13-0096)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                         |
| 08 33 23 13-0114 EA Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 780.63                    | 108.50                  |
| 08 33 23 13-0115 EA >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,153.48                  | 108.50                  |
| 08 33 23 13-0116 SF Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.05                     |                         |
| 08 33 23 13-0117 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers. |                           |                         |
| 08 33 23 13-0118 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                         |
| 08 33 23 13-0119 8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |
| 08 33 23 13-0120 EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24,078.02                 | 976.52                  |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |
| 08 33 23 13-0121 EA 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 25,175.61                 | 1,004.20                |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |
| 08 33 23 13-0122 EA 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 26,131.00                 | 1,031.86                |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |
| 08 33 23 13-0123 EA 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 27,159.23                 | 1,059.53                |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |
| 08 33 23 13-0124 EA 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28,326.19                 | 1,087.19                |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |
| 08 33 23 13-0125 EA 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28,934.74                 | 1,114.86                |
| For NEMA 4X Control Box, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 675.00                    |                         |
| For 2 Speed Motor, 60" Open, 30" Close, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,100.00                  |                         |
| For AC Variable Speed Motor And Controls, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,750.00                  |                         |
| For 304 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,200.00                  |                         |
| For 316 Stainless Steel Side Frame Tower, Add                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3,300.00                  |                         |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR            | CSI | UOM                                                                                          | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|----------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 33 23 13-0126 | EA  | 8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 29,890.12                 | 1,142.54                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,200.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 3,300.00                  |                         |
| 08 33 23 13-0127 | EA  | 8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 30,740.12                 | 1,172.24                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,200.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 3,300.00                  |                         |
| 08 33 23 13-0128 | EA  | 8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 32,099.03                 | 1,202.71                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,200.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 3,300.00                  |                         |
| 08 33 23 13-0129 | EA  | 8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 33,195.44                 | 1,233.98                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,200.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 3,300.00                  |                         |
| 08 33 23 13-0130 | EA  | 8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 34,555.67                 | 1,266.07                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,200.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 3,300.00                  |                         |
| 08 33 23 13-0131 |     | 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118) | .....       |                           |                         |
| 08 33 23 13-0132 | EA  | 9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                     | .....       | 25,175.61                 | 1,004.20                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0133 | EA  | 9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                     | .....       | 26,131.00                 | 1,031.86                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0134 | EA  | 9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 27,159.23                 | 1,059.53                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0135 | EA  | 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 28,326.19                 | 1,087.19                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0136 | EA  | 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 28,934.74                 | 1,114.86                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0137 | EA  | 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 29,890.12                 | 1,142.54                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0138 | EA  | 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 31,124.72                 | 1,170.20                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |
| 08 33 23 13-0139 | EA  | 9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 32,099.03                 | 1,202.71                |
|                  |     | For NEMA 4X Control Box, Add                                                                 | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                  | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                | .....       | 2,750.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                | .....       | 4,125.00                  |                         |



|                            |  |       |    |
|----------------------------|--|-------|----|
| Openings                   |  | 08    | 08 |
| Specialty Doors and Frames |  | 08 30 |    |
| Coiling Doors and Grilles  |  | 08 33 |    |

| MINOR            |     | DESCRIPTION                                                                                                                                                                                                                                                                                                       | TOTAL DIRECT                                                        | DEMOLITION |
|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------|
| CSI              | UOM |                                                                                                                                                                                                                                                                                                                   | UNIT COST                                                           | UNIT COST  |
| 08 33 23 13-0140 | EA  | 9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 33,195.44<br>675.00<br>1,100.00<br>2,750.00<br>2,750.00<br>4,125.00 | 1,233.98   |
| 08 33 23 13-0141 | EA  | 9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 34,555.67<br>675.00<br>1,100.00<br>2,750.00<br>2,750.00<br>4,125.00 | 1,266.07   |
| 08 33 23 13-0142 | EA  | 9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 36,177.93<br>675.00<br>1,100.00<br>2,750.00<br>2,750.00<br>4,125.00 | 1,298.98   |
| 08 33 23 13-0143 |     | 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)                                                                                                                                                                                                                     |                                                                     |            |
| 08 33 23 13-0144 | EA  | 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 26,131.00<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,031.86   |
| 08 33 23 13-0145 | EA  | 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 27,159.23<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,059.53   |
| 08 33 23 13-0146 | EA  | 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 28,326.19<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,087.19   |
| 08 33 23 13-0147 | EA  | 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 28,934.74<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,114.86   |
| 08 33 23 13-0148 | EA  | 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 29,890.12<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,142.54   |
| 08 33 23 13-0149 | EA  | 10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 31,124.72<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,170.20   |
| 08 33 23 13-0150 | EA  | 10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 32,289.95<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,197.87   |
| 08 33 23 13-0151 | EA  | 10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 33,194.23<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,233.39   |
| 08 33 23 13-0152 | EA  | 10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 34,554.43<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,265.46   |
| 08 33 23 13-0153 | EA  | 10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 36,176.66<br>675.00<br>1,100.00<br>2,750.00<br>3,300.00<br>4,950.00 | 1,298.36   |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR                                                                                                                 | CSI | UOM | DESCRIPTION                                                                     | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|-----------------------------------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------------------------------------------|---------------------------|-------------------------|
| 08 33 23 13-0154                                                                                                      | EA  |     | 10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 37,542.12                 | 1,332.11                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,300.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 4,950.00                  |                         |
| <b>08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 23 13-0118) |     |     |                                                                                 |                           |                         |
| 08 33 23 13-0156                                                                                                      | EA  |     | 11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....  | 27,159.23                 | 1,059.53                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0157                                                                                                      | EA  |     | 11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....  | 28,326.19                 | 1,087.19                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0158                                                                                                      | EA  |     | 11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 28,934.74                 | 1,114.86                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0159                                                                                                      | EA  |     | 11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 29,890.12                 | 1,142.54                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0160                                                                                                      | EA  |     | 11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 31,124.72                 | 1,170.20                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0161                                                                                                      | EA  |     | 11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 32,289.95                 | 1,197.87                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0162                                                                                                      | EA  |     | 11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 33,593.91                 | 1,225.53                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0163                                                                                                      | EA  |     | 11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 34,551.47                 | 1,263.98                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0164                                                                                                      | EA  |     | 11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 36,173.62                 | 1,296.84                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0165                                                                                                      | EA  |     | 11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 37,539.00                 | 1,330.56                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |
| 08 33 23 13-0166                                                                                                      | EA  |     | 11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... | 39,162.74                 | 1,365.15                |
|                                                                                                                       |     |     | For NEMA 4X Control Box, Add                                                    | 675.00                    |                         |
|                                                                                                                       |     |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                     | 1,100.00                  |                         |
|                                                                                                                       |     |     | For AC Variable Speed Motor And Controls, Add                                   | 2,750.00                  |                         |
|                                                                                                                       |     |     | For 304 Stainless Steel Side Frame Tower, Add                                   | 3,850.00                  |                         |
|                                                                                                                       |     |     | For 316 Stainless Steel Side Frame Tower, Add                                   | 5,775.00                  |                         |

**08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** (08 33 23 13-0118)





|                            |  |       |    |
|----------------------------|--|-------|----|
| Openings                   |  | 08    | 08 |
| Specialty Doors and Frames |  | 08 30 |    |
| Coiling Doors and Grilles  |  | 08 33 |    |

| MINOR<br>CSI UOM DESCRIPTION                                                                                                                                                                                                                                                                                                          | TOTAL DIRECT<br>UNIT COST                                           | DEMOLITION<br>UNIT COST |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------|
| 08 33 23 13-0168 EA 12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 28,326.19<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,087.19                |
| 08 33 23 13-0169 EA 12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 28,934.74<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,114.86                |
| 08 33 23 13-0170 EA 12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 29,890.12<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,142.54                |
| 08 33 23 13-0171 EA 12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 31,124.72<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,170.20                |
| 08 33 23 13-0172 EA 12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 32,289.95<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,197.87                |
| 08 33 23 13-0173 EA 12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 33,593.91<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,225.53                |
| 08 33 23 13-0174 EA 12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 34,528.49<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,253.20                |
| 08 33 23 13-0175 EA 12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 36,169.08<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,294.56                |
| 08 33 23 13-0176 EA 12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 37,534.33<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,328.22                |
| 08 33 23 13-0177 EA 12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 39,157.94<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,362.76                |
| 08 33 23 13-0178 EA 12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add | 40,783.35<br>675.00<br>1,100.00<br>2,750.00<br>4,400.00<br>6,600.00 | 1,398.19                |
| 08 33 23 13-0179 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)                                                                                                                                                                                                                        |                                                                     |                         |
| 08 33 23 13-0180 EA 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 29,649.23<br>675.00<br>1,100.00<br>2,750.00<br>4,950.00<br>6,975.00 | 1,114.86                |
| 08 33 23 13-0181 EA 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....<br>For NEMA 4X Control Box, Add<br>For 2 Speed Motor, 60" Open, 30" Close, Add<br>For AC Variable Speed Motor And Controls, Add<br>For 304 Stainless Steel Side Frame Tower, Add<br>For 316 Stainless Steel Side Frame Tower, Add  | 30,873.41<br>675.00<br>1,100.00<br>2,750.00<br>4,950.00<br>6,975.00 | 1,142.54                |

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

| MINOR            | CSI | UOM                                                                                           | DESCRIPTION | TOTAL DIRECT<br>UNIT COST | DEMOLITION<br>UNIT COST |
|------------------|-----|-----------------------------------------------------------------------------------------------|-------------|---------------------------|-------------------------|
| 08 33 23 13-0182 | EA  | 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 32,033.44                 | 1,170.20                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0183 | EA  | 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 33,382.50                 | 1,197.87                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0184 | EA  | 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 34,726.34                 | 1,225.53                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0185 | EA  | 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 35,721.62                 | 1,253.20                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0186 | EA  | 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 36,475.83                 | 1,280.88                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0187 | EA  | 13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 37,635.13                 | 1,325.24                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0188 | EA  | 13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 39,260.47                 | 1,359.69                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0189 | EA  | 13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 40,893.20                 | 1,395.06                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0190 | EA  | 13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 42,329.24                 | 1,431.32                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 4,950.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 6,975.00                  |                         |
| 08 33 23 13-0191 |     | 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0182) | .....       |                           |                         |
| 08 33 23 13-0192 | EA  | 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                     | .....       | 30,873.41                 | 1,142.54                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 5,480.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 7,370.00                  |                         |
| 08 33 23 13-0193 | EA  | 14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                     | .....       | 32,033.44                 | 1,170.20                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 5,480.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 7,370.00                  |                         |
| 08 33 23 13-0194 | EA  | 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 33,382.50                 | 1,197.87                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 5,480.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 7,370.00                  |                         |
| 08 33 23 13-0195 | EA  | 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)                    | .....       | 34,726.34                 | 1,225.53                |
|                  |     | For NEMA 4X Control Box, Add                                                                  | .....       | 675.00                    |                         |
|                  |     | For 2 Speed Motor, 60" Open, 30" Close, Add                                                   | .....       | 1,100.00                  |                         |
|                  |     | For AC Variable Speed Motor And Controls, Add                                                 | .....       | 2,750.00                  |                         |
|                  |     | For 304 Stainless Steel Side Frame Tower, Add                                                 | .....       | 5,480.00                  |                         |
|                  |     | For 316 Stainless Steel Side Frame Tower, Add                                                 | .....       | 7,370.00                  |                         |